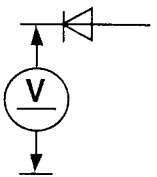
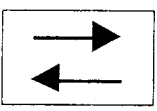
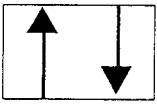
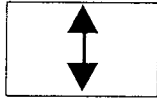
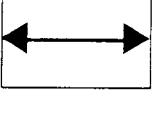
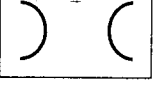
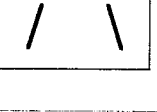
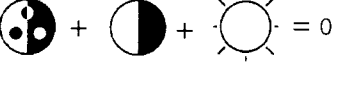
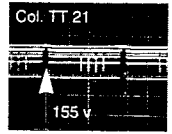
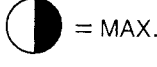
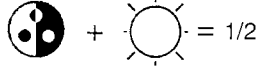
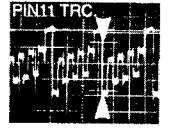


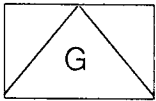
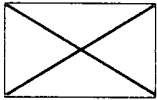
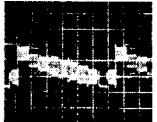
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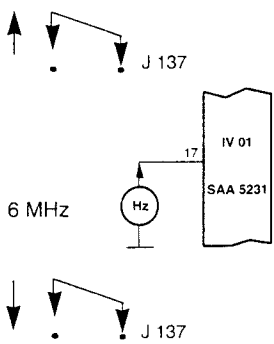
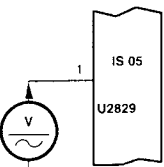
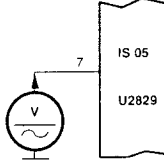
T-7048

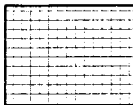
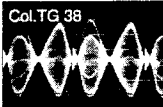
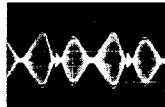
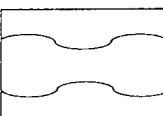
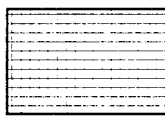
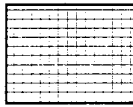
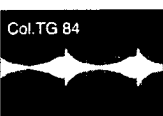
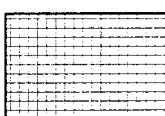
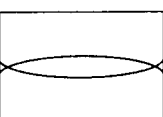
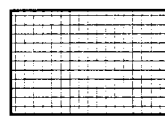
MODEL

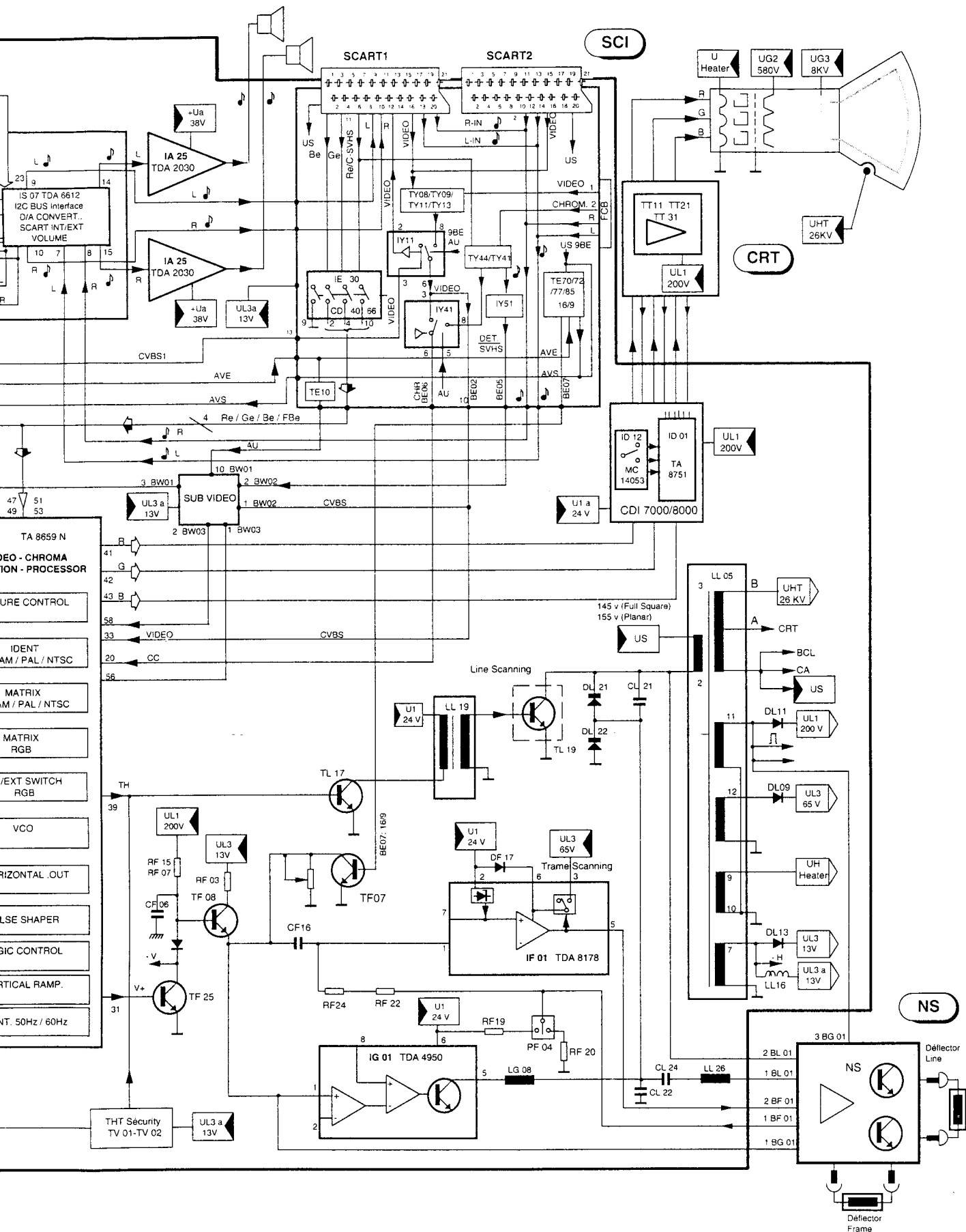
SERVICE MANUAL

Pos.	Adj. / Rég. / Eins. / Tara	Adjust to / Régler pour / Einstellen auf / Reglar para / Regolare su
MAIN PP 52	Principal voltage Tension principale Versorgungsspannung Tensión principal Tensione principale	$V=U \text{ Syst.}^*$  DP 50 * 145 V Full Square 155 V Planar
PL 39	Horizontal picture shift Cadrage horizontal Bildlage horizontal Cuadrage horizontal Correzione orizzontale	
PF 04	Vertical picture shift Cadrage vertical Bildlage vertikal Cuadrage vertical Correzione verticale	
PF 11	Picture height amplitude verticale Bildhöhe Amplitud vertical Ampiezza verticale	
PG 01	Picture width amplitude horizontale Bildbreite Amplitud horizontal Ampiezza orizzontale	
PG 06	East-West pillow Coussin Est-Ouest Ost-West kissen Cojin Este-Oeste Cuscino Est-Ouest	
PG 04(4/3) PG20(16/9)	East-West pincushion Trapèze Est-Ouest Ost-West trapez Trapezio Este-Oeste Trapezio Est-Ouest	
CRT PT 01	Screen grid voltage Tension G2 Schirmgitterspannung Tensión rejilla Tensione griglia	 Col. TT 21 
MAIN PV 79	Peak white Ecretage des blancs Spitzenweiss Punta de blanco Bianco punte	   PIN11 TRC 

Pos.	Adj. / Rég. / Eins. / Tara. /	Adjust to / Régler pour / Einstellen auf / Reglar para / Regolare su
MAIN PV 58	CONTOUR	
CRT PT 12 PT 22	Red ; Rouge ; Rot ; Rojo ; Rosso Green ; Vert ; Grün ; Verde ; Verde	 
PT 01	FOCUS	
MAIN LI 6I	Sound rejection Réjecteur son Tonunterdrückung Trampa audio Relettore audio	 Incorrect Falsche Incorrecto Scoretto  Correct Korrekt Correcto Coretto
PC 44 LC 43	PAL amplitude Amplitude PAL PAL pegel (PAL) Amplitud PAL Ampiezza PAL Delay line Ligne à retard Verzögerungsleitung (PAL) Linea de retardo	Pairing min. Effet persienne min. Paarigkeit min. Efecto persiana minimo. Parita min.

DVT LV 27	Oscillator Oscillateur Oszillator Oscilador Oscillatore	-1 -2 -3 
NI LS 03 5,5MHz	Demodulation flywheel Volant de démodulation Demodulations-Schwungrad Bobina de desmodulación Bobina di demodulazione	 V=MAX
LS 04 5,74 MHz	Demodulation flywheel Volant de démodulation Demodulations-Schwungrad Bobina de desmodulación Bobina di demodulazione	 V=MAX

Pos.	Adj. / Rég. / Ein / Tara	Adjust to / Régler pour / Einstellen auf / Reglar para / Regolare su			
NS					
		Mire de convergences			
					
PG 32					
	Gullwing correction control Amplitude de correction aile de mouette Möwenflügel-Korrekturamplitude Amplitud de corrección ala de gaviota Ampiezza correzione ala di gabbiano	-1	PG 32 	max	
		-2	LG 39 		
			Incorrect Falsche Incorrecto Scoretto		Correct Korrekt Correcto Coretto
LG 39		-3	PG 32 		
			Incorrect Falsche Incorrecto Scoretto		Correct Korrekt Correcto Coretto
Crosshatch pattern					
					
PG 79					
	Amplitude of North/South pincushion Amplitude Nord/Sud Nord/Süd Kissen Amplitude Amplitud de cojin Norte/Sur Ampiezza cuscino Nord/Sud	-1	PG 79 	max	
		-2	LG 84 		
			Incorrect Falsche Incorrecto Scoretto		Correct Korrekt Correcto Coretto
LG 84		-3	PG 79 		
			Incorrect Falsche Incorrecto Scoretto		Correct Korrekt Correcto Coretto
PG 63	Symmetry top and bottom Symétrie haut et bas Symmetrie oben unten Simetria alto bajo Simmetria alto basso		Incorrect Falsche Incorrecto Scoretto		Correct Korrekt Correcto Coretto



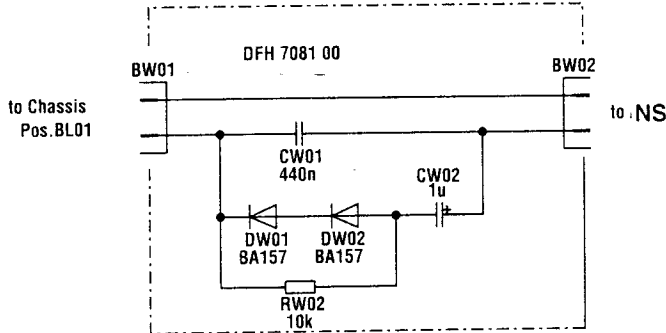
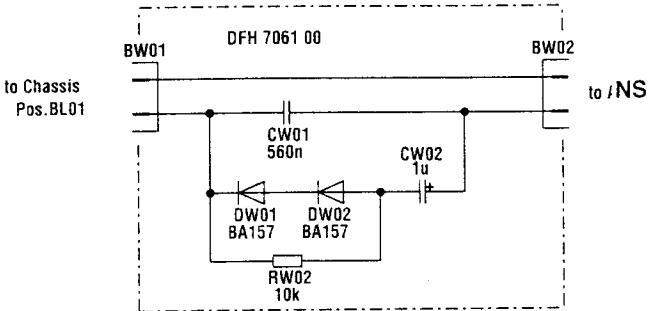
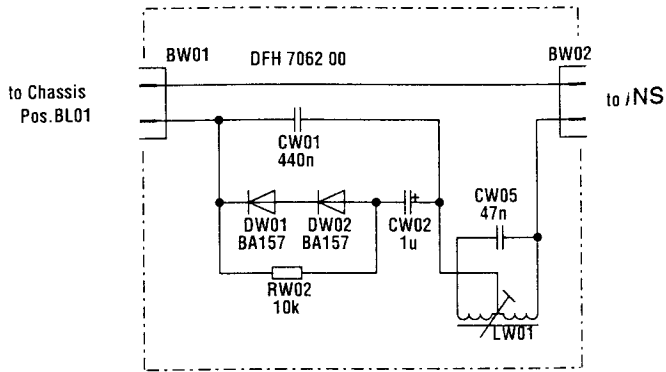
* - CPT PART LIST :SCAN (CIRCUIT)

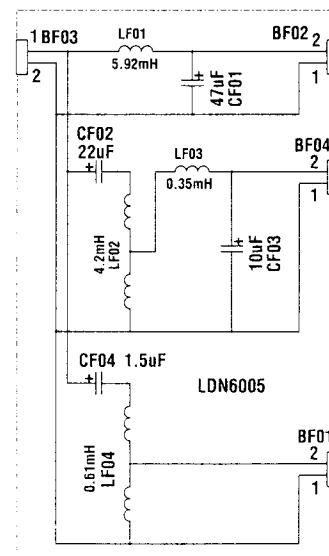
CRT	29 " BSP	25" FS	25" MP	22 " FST
CF 04	1 µF	1 µF	1 µF	1 µF
CG 05	47 nF	47 nF	47 nF	47 nF
CL 22	12 nF	20 nF	20 nF	20 nF
CL 24	1.5 µF	440 nF	1 µF	1 µF
CL 25	1 µF	1 µF	1 µF	1 µF
CL 27	220 nF	-	-	-
DL 26	BA 157	-	BA 157	BA 157
J 128	-	-	-	-
J 129	Strap	-	-	-
LG 08	oui	0	0	0
LL 05	oui	-	-	-
LL 06	-	30 µH	-	-
LL 23	-	-	-	46 µH
LL 26	30 µH	37,5 µH	37,5 µH	30 µH
RF 11	1 K	1 K	1 K	1 K
RF 16	12,7 K - 1%	17,8 K - 1%	17,8 K - 1%	12,7 K - 1%
RF 22	34,8 K - 1%	43,2 K - 1%	43,2 K - 1%	33,2 K - 1%
RF 24	33,2 K - 1%	48,7 K - 1%	48,7 K - 1%	38,3 K - 1%
RF 27	47 k	68 K	68 K	56 K
RG 07	270 K	270 k	270 K	270 K
RG 20	10 K	10 k	10 K	10 K
RG 21	10 K	-	-	-
RL 05	120 K	120 k	120 K	120 K
RL 21	680 M	680 M	680 M	680 M
RL 25	2,2 K	-	2,2 K	-
RL 27	-	560	560	560
RL 28	-	1 K	-	680
DFH 7081		DFH 7061	DFH 7062	DFH 7052
CW 01	440 nF	560 nF	440 nF	470 nF
CW 02	-	-	-	1 µF
CW 05	-	-	47 nF	-
DW 01	-	-	-	BA 157
DW 02	-	-	-	BA 157
LW 01	-	-	oui	-
RW 02	10 K	10 K	10 K	10 K

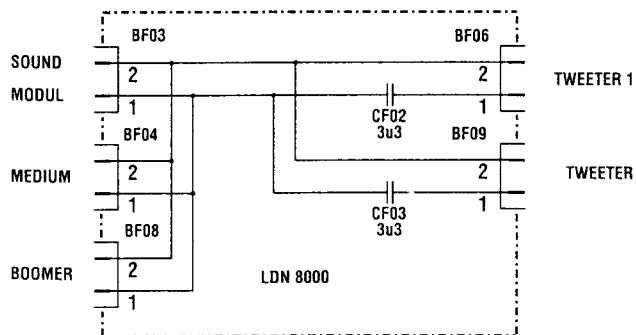
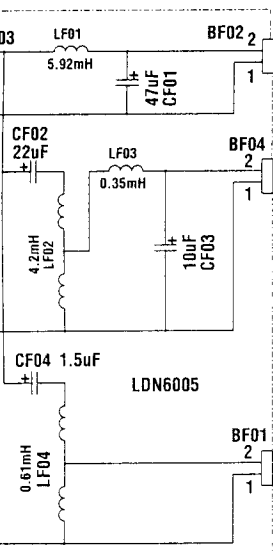
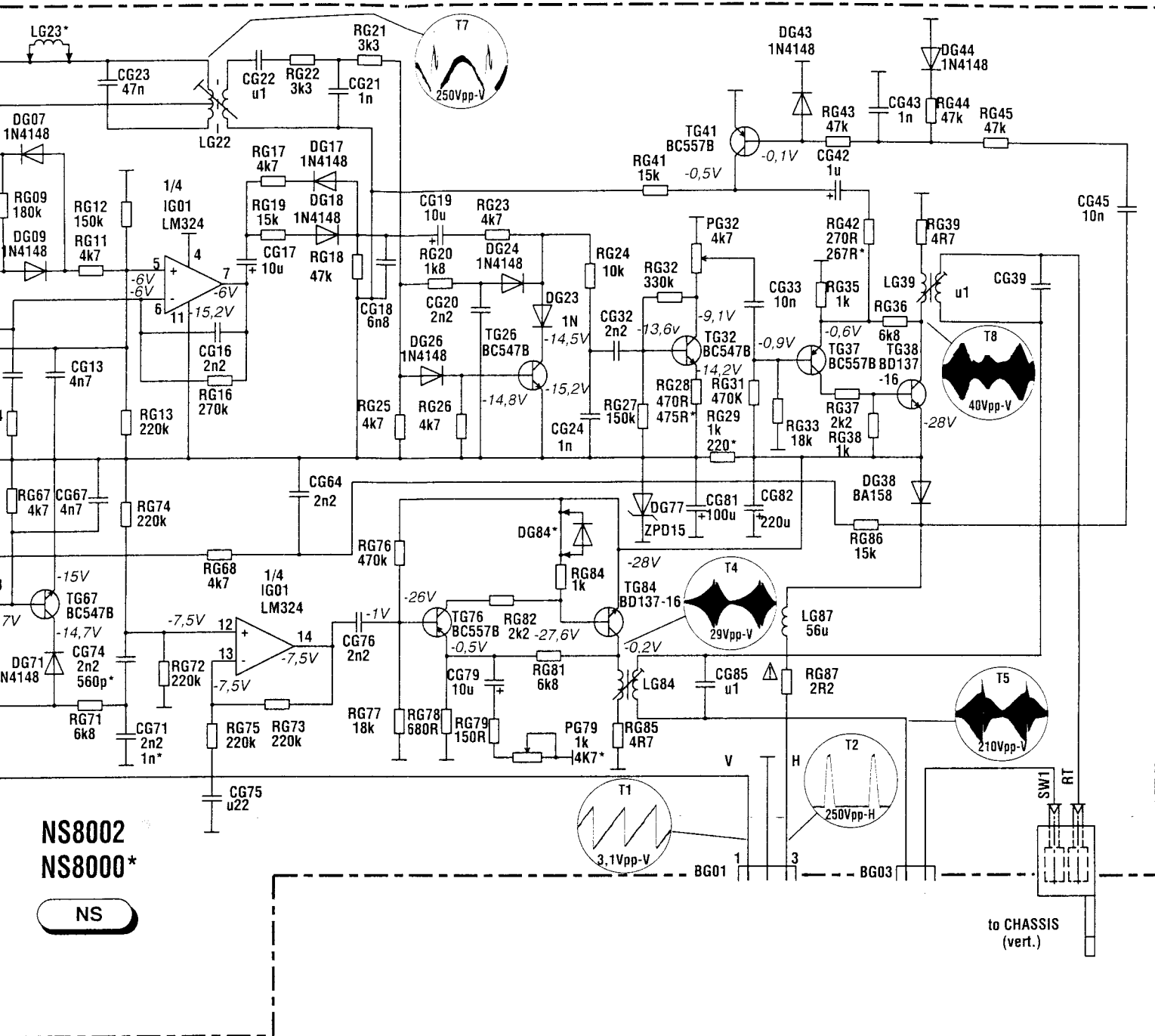
L'05	OREGA	ELDOR
CL 21	11 nF	11 nF
CL 23	6,8 nF	6,8 nF
RL 23	22Ω	22Ω
RL 30	1,2Ω	0,27Ω
LL 23	60 µH	54 µH

** - POWER SUPPLY (CIRCUIT)

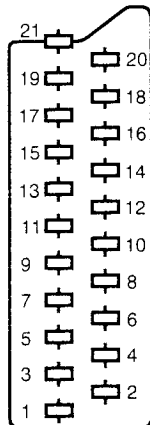
	21 " 110 °	21 " 110 °	25 " /28 " /29" 110 °	25 " /28 " /29" 110 °
	Version (1)	Version (2)	Version (1)	Version (2)
TP 29	BUH 515	BUH 713	BUH 515	BUH 713
LP 36	401531-00	473100-01	401530-00	473100-02
RP 06	39 K	27 K	39 K	27 K
RP 18	47	22	47	22
RP 19	33	-	33	220
RP 21	4,7	10	4,7	10
RP 27	3,3 K	15 k	3,3 K	15 k
CP 16	220 nF	47 nF	220 nF	47 nF
CP 19	210 nF	330 nF	210 nF	330 nF
CP 22	470	1000 µF	470	1000
CP 28	330 pf	1 µF	330	1 µF
CP 29	3,3 nF	2,2	3,3 nF	2,2
DP 19	BA 157	-	BA 157	BA 157







- This service manual is designed to be progressively enlarged and updated as and when necessary. The contents for chapter 1 indicate the various sections which it will eventually contain.
The page numbering system ensures that future publications can either be added to or substituted for existing pages.
- Dans le sommaire chapitre I sont énumérés les différents chapitres qui, à terme, constitueront cette documentation technique à caractère évolutif. Par notre système de numération des pages nos parutions à venir s'ajouteront ou se substitueront à celles existantes.
- Im Inhaltsverzeichnis von Kapitel I sind die verschiedenen Kapitel aufgeführt, aus denen die vorliegende technische Dokumentation bestehen wird, welche ständig auf dem letzten Stand gehalten wird.
Unser Seitennumerierungssystem wird dazu dienen, die später erscheinenden Seiten einzugliedern und die ungültig gewordenen herauszunehmen.
- En el sumario del capítulo I, se enumeran los diferentes capítulos que a plazo, constituirán esta documentación técnica que tiene un carácter evolutivo. Mediante nuestro sistema de numeración de las páginas, los próximos documentos se agregarán a, o sustituirán los existentes.
- Nell' indice del capitolo I sono elencati i differenti capitoli che alla fine costituiranno una documentazione tecnica a carattere evolutivo. In base al sistema di numerazione delle pagine, le future pubblicazioni si aggiungeranno o si sostituiranno a quelle esistenti.



NOTE : (MAIN) ... etc. : identifies each pcb modul.

NOTE : (MAIN) ... etc. ... repères des platines constituant l'appareil.

HINWEIS : (MAIN) usw. Kennzeichnungen der Platinen, aus denen das Gerät zusammengesetzt ist.

NOTA : (MAIN) ... etc. marcas de las placas que constituyen el aparato.

NOTA : (MAIN) ... ecc. indicazioni delle piastre che costituiscono l'apparecchio.

		ENGLISH	FRANÇAIS	DEUTSCH	ESPAÑOL	ITALIANO
1	→	AUDIO "R"	AUDIO "D"	AUDIO "R"	AUDIO "D"	AUDIO "D"
2	→	AUDIO "R"	AUDIO "D"	AUDIO "R"	AUDIO "D"	AUDIO "D"
3	→	AUDIO "L"	AUDIO "G"	AUDIO "L"	AUDIO "I"	AUDIO "S"
4	—	AUDIO	AUDIO	AUDIO	AUDIO	AUDIO
5	—	"BLUE"	"BLEU"	"BLAU"	"AZUL"	"BLU"
6	→	AUDIO "L" MONO	AUDIO "G" MONO	AUDIO "L" MONO	AUDIO "I" MONO	AUDIO "S" MONO
7	→	"BLUE"	"BLEU"	"BLAU"	AZUL	BLU
8	→	SLOW SWITCH	COMMUT. LENTE	LANGSAMUMS CHALTUNG	"CONMUTACION LENTA"	"COMMUTAZIONE LENTA"
9	—	"GREEN"	"VERT"	"GRÜN"	"VERDE"	"VERDE"
10	NC					
11	→	"GREEN"	"VERT"	"GRÜN"	"VERDE"	"VERDE"
12	NC					
13	—	"RED"	"ROUGE"	"ROT"	"ROJA"	"ROSSO"
14	NC					
15	→	"RED"	"ROUGE"	"ROT"	"ROJA"	"ROSSO"
16	→	FAST SWITCH	COMMUT. RAPIDE	SCHNELLUMS CHALTUNG	"CONMUTACION RAPIDA"	"COMMUTAZIONE RAPIDA"
17	—	VIDEO	VIDÉO	VIDÉO	VIDÉO	VIDÉO
18	—	FAST SWITCH	COMMUT. RAPIDE	SCHNELLUMS CHALTUNG	"CONMUTACION RAPIDA"	"COMMUTAZIONE RAPIDA"
19	→	VIDEO	VIDÉO	VIDÉO	VIDÉO	VIDÉO
20	→	VIDEO OR "SYNC"	VIDEO SYNCHRO	VIDEO ODER "SYNCHRO"	VIDEO O SINCRO	VIDEO O SINCRO
21	→	PLUG SCREEN BOX	BLINDAGE FICHE	ABSCHIRMUNG DES STECKERS	BLINDAJE DEL ENCHUFE	ARMATURA DELLA SPINA

→ : OUTPUT - SORTIE - AUSGANG - SALIDA - USCITA

→ : INPUT - ENTRÉE - EINGANG - ENTRADA - ENTRATA

— : EARTH - MASSE - MASSE - MASA - MASSA

MEASUREMENT CONDITIONS - CONDITIONS DE MESURES - MESSBEDINGUNGEN CONDICIONES DE MEDIDAS - CONDIZIONI DI MISURA

RECEIVER : On UHF, input level : 1 mV, bar test pattern :
- PAL, 1 standard, 100% white.

Via the scart socket, input level : 1 VDC, bar test pattern :

Colour, contrast and brightness at mid-position, sound at minimum.
Programme selected : PR 01.

DC voltages measured between the point and earth using a digital voltmeter.

RECEPTEUR : En UHF, niveau d'entrée 1 mV mire de barres
- SECAM, Norm L, Blanc 100%.

Par la prise Péntelévion, niveau d'entrée 1 Vcc, mire de barres.

Couleur, contraste, lumière à mi-course, son minimum.
Programme affecté PR 01.

Tensions continues relevées par rapport à la masse avec un voltmètre numérique.

EMPFÄNGER : Bei UHF Eingangsspegel 1 mV, Stabprüfbild :
- PAL, Norm G, Weiss 100%.

Durch die Pentel-Steckdose : Eingangsspegel 1 V GS, Prüfbild :

Farbe, Kontrast, Licht in der Mitte des Bereichs, Ton auf Minimum.
Zugeordnetes Programm PR 01.

Gleichspannungen mit einem digitalen Voltmeter zur Masse gemessen.

RECEPTOR : En UHF, nivel de entrada 1 mV, mira de barras :
- PAL, norma G, blanco 100%.

Por la toma Pentelévion, nivel de entrada 1 Vcc mira de barra.

Color, Contraste, luz a mitad de carrera. Sonido mínimo.
Programa afectado PR 01.

Tensiones continuas marcadas en relación a la masa con un voltmetro digital.

RICEVITORE : In UHF, livello d'entrata 1 mV, monoscopia per barre :
- PAL, norma G, bianco 100%.

Per la presa SCART, livello d'entrata 1 Vcc, monoscopia per barre :

Colore, Contrasto, Luce a metà corsa. Suono minimo.
Programma designato PR 01.

Tensioni continue rilevate per rispetto alla massa con un voltmetro numerico.



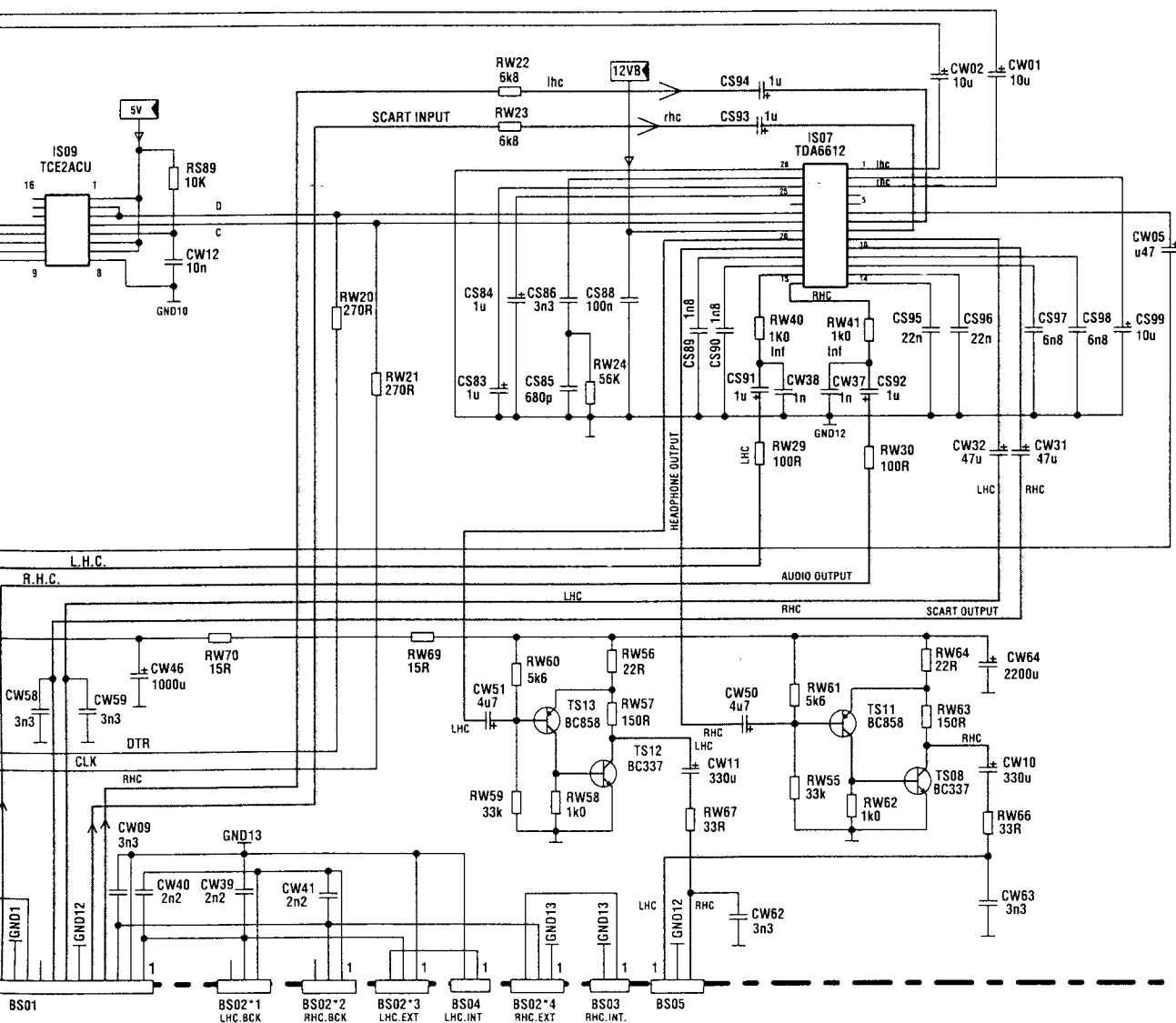
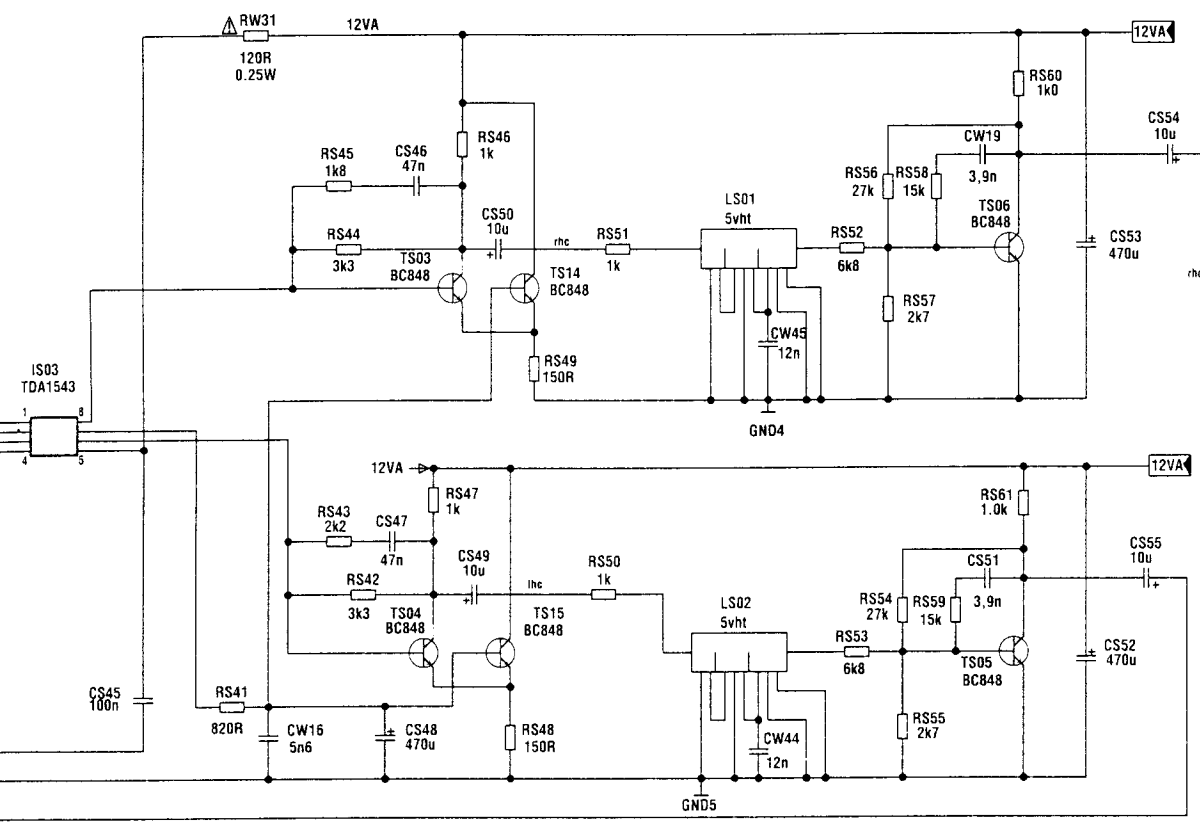
⚠ Indicates critical safety components, and identical components should be used for replacement.

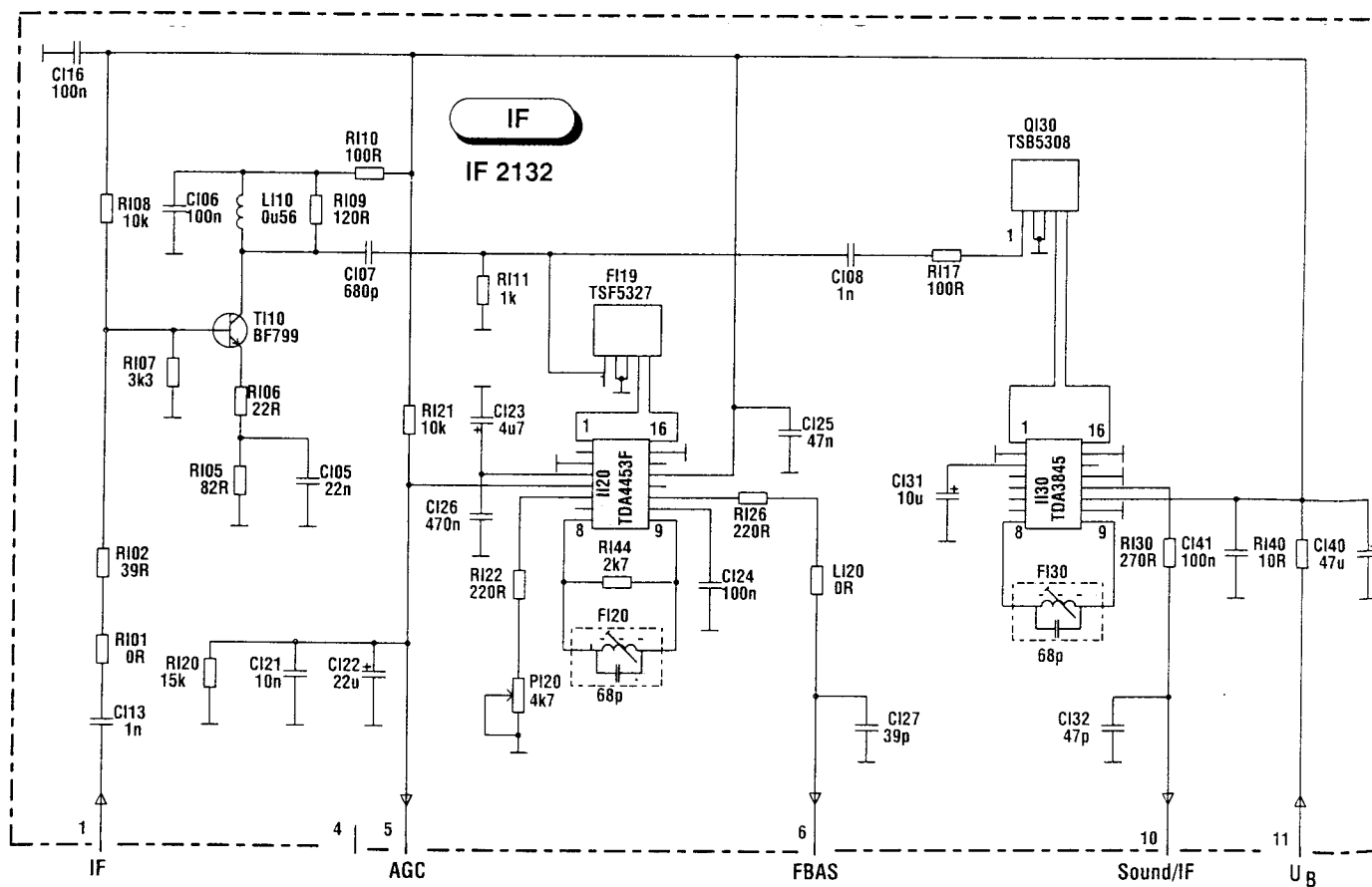
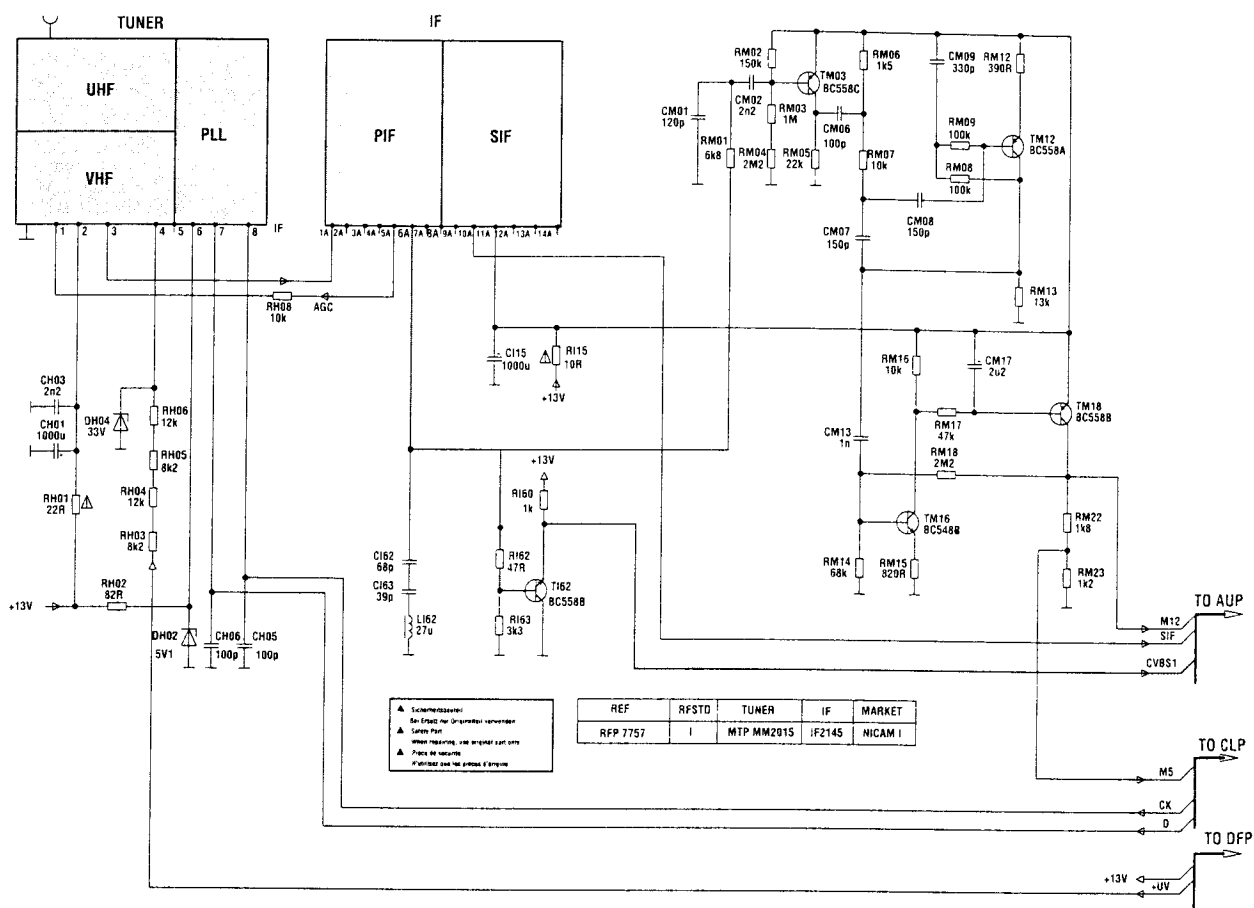
Le remplacement des éléments de sécurité (repérés avec le symbole ⚠) par des composants non homologués selon la Norme CEI 65 entraîne la non-conformité de l'appareil.
Dans ce cas, la responsabilité du fabricant n'est plus engagée.

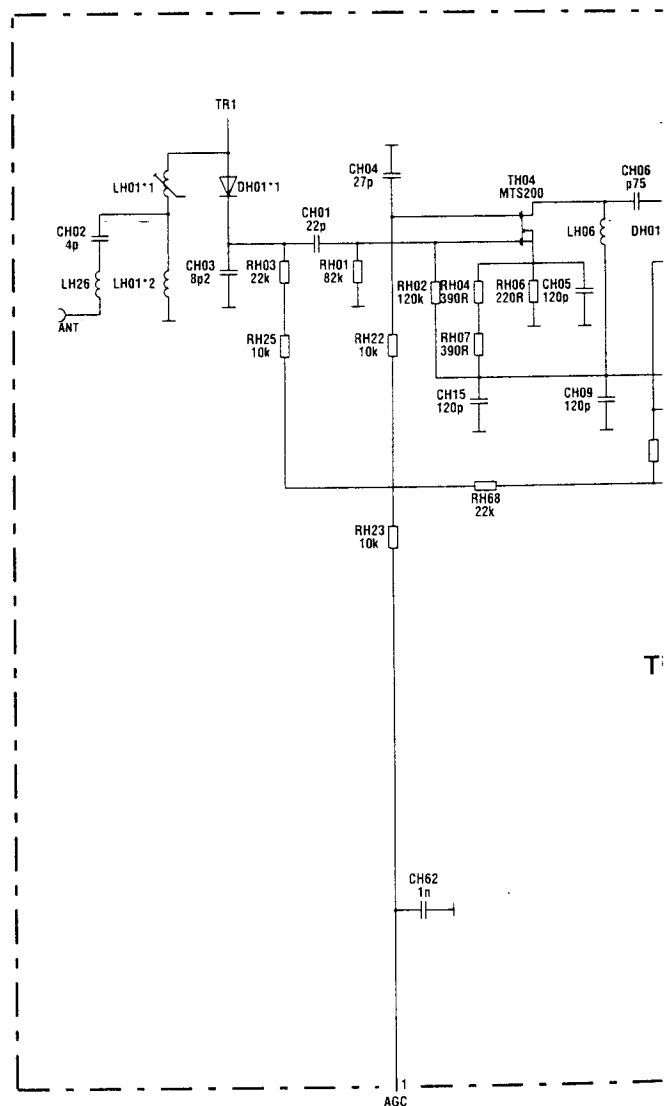
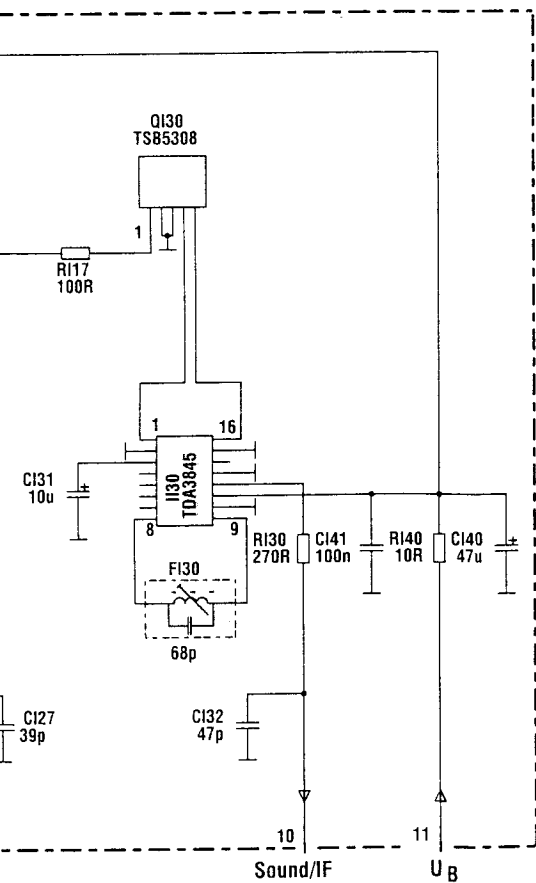
Wenn Sicherheitsteile (mit dem Symbol ⚠ gekennzeichnet) durch nicht normengerechte Teile ersetzt werden, erlischt die Haftung des Herstellers.

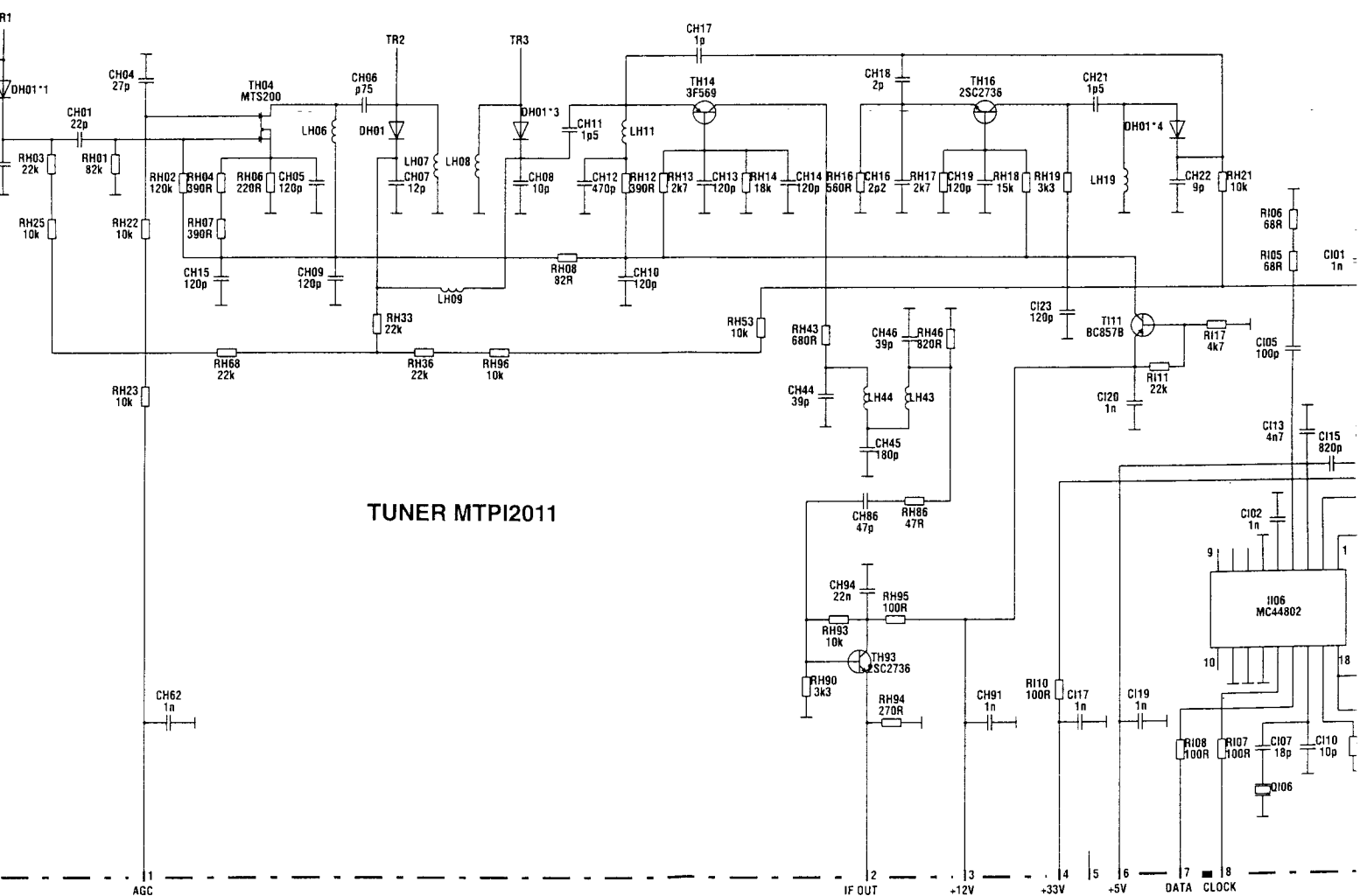
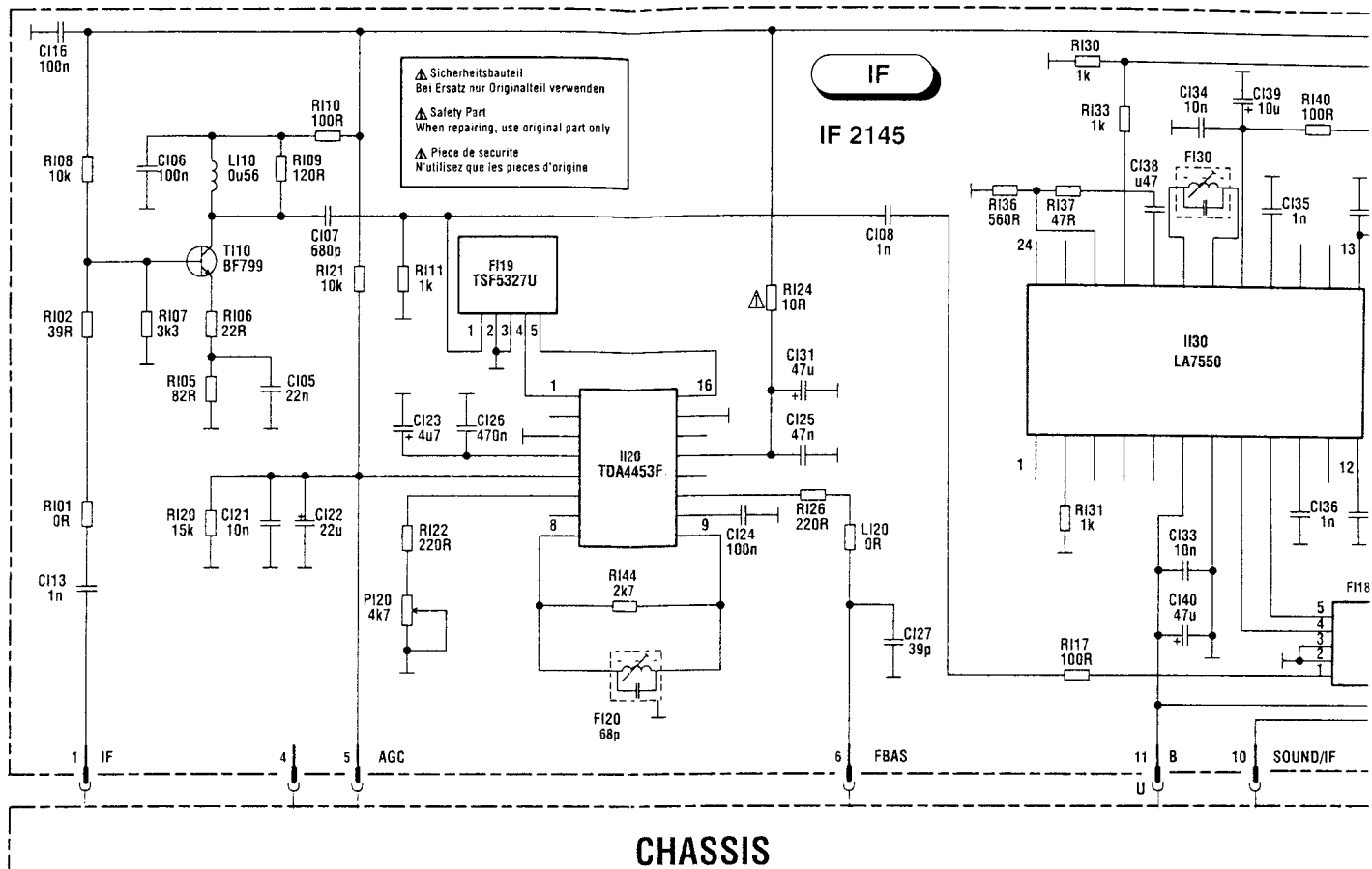
La sostituzione di elementi di sicurezza (marcati con il simbolo ⚠) per componenti non omologati secondo la norma CEI 65, provoca la non conformità dell'apparecchio.
In tal caso, il fabbricante cessa di essere responsabile.

La sostituzione degli elementi di sicurezza (marchi con il segno ⚠) con componenti non omologati secondo la norma CEI 65 comporta la non conformità dell'apparecchio.
In tal caso è esclusa la responsabilità del costruttore.









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Originalteil verwenden
use original part only
urteile
as pieces d'origine

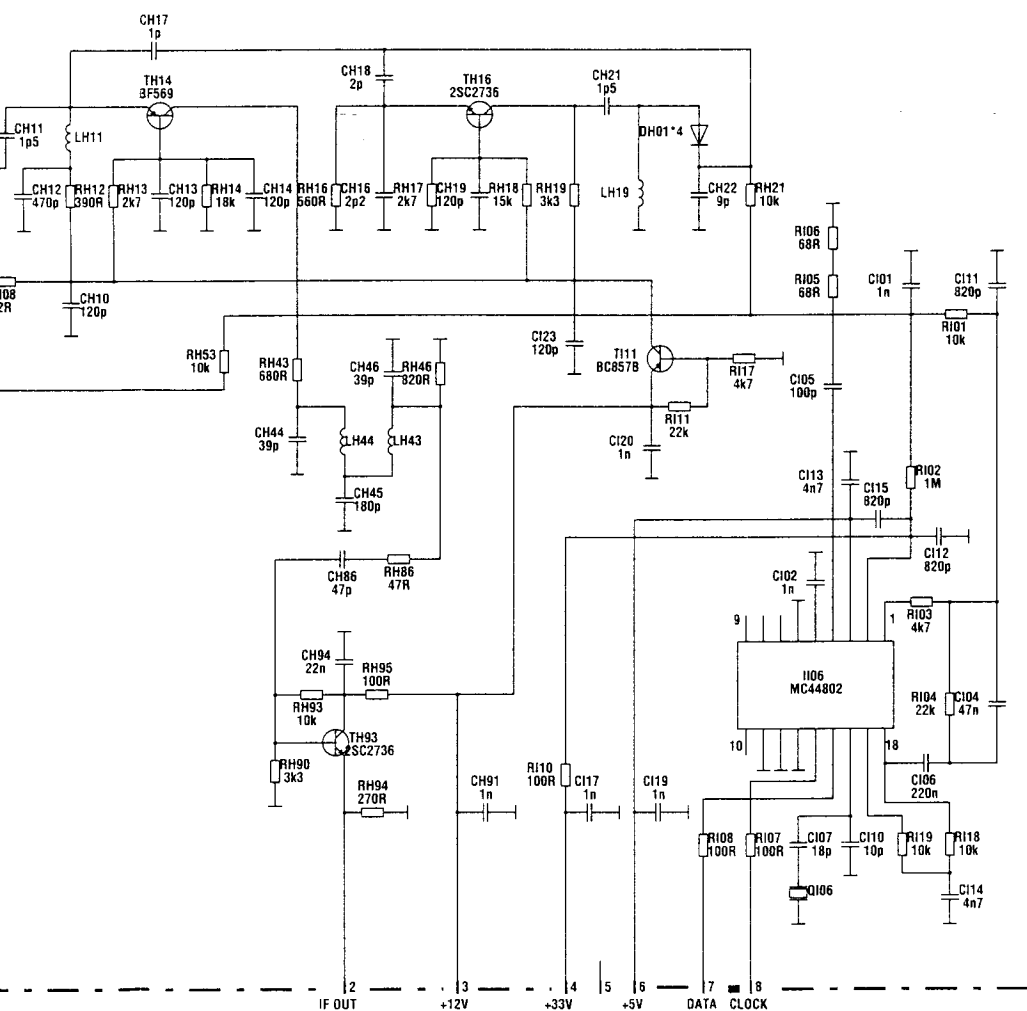
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5327U

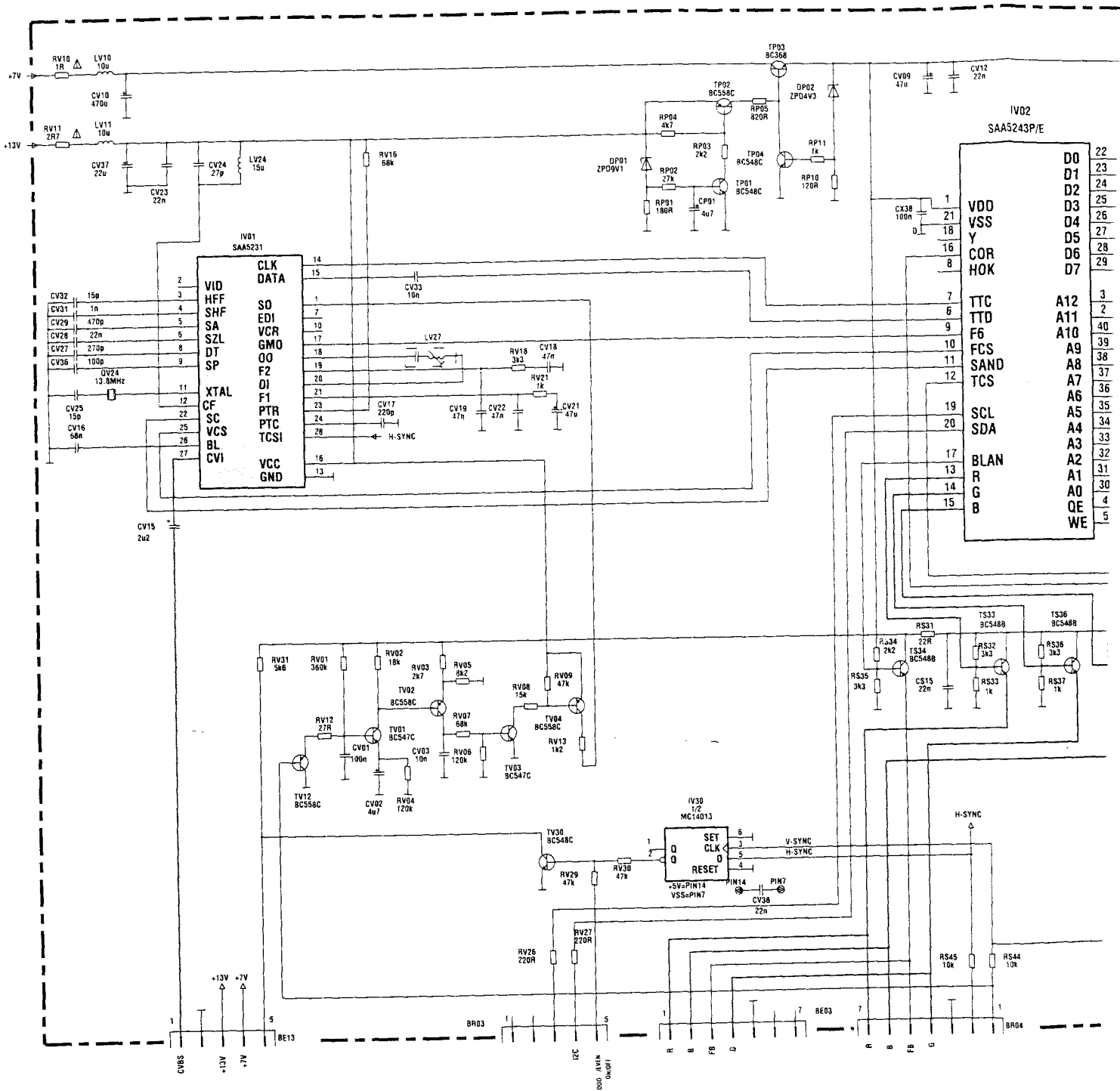
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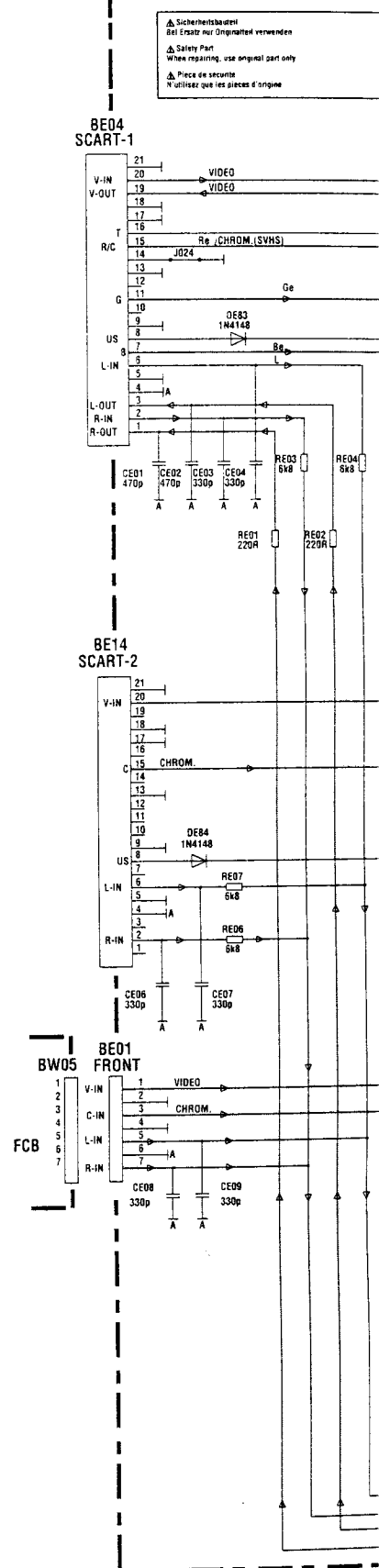
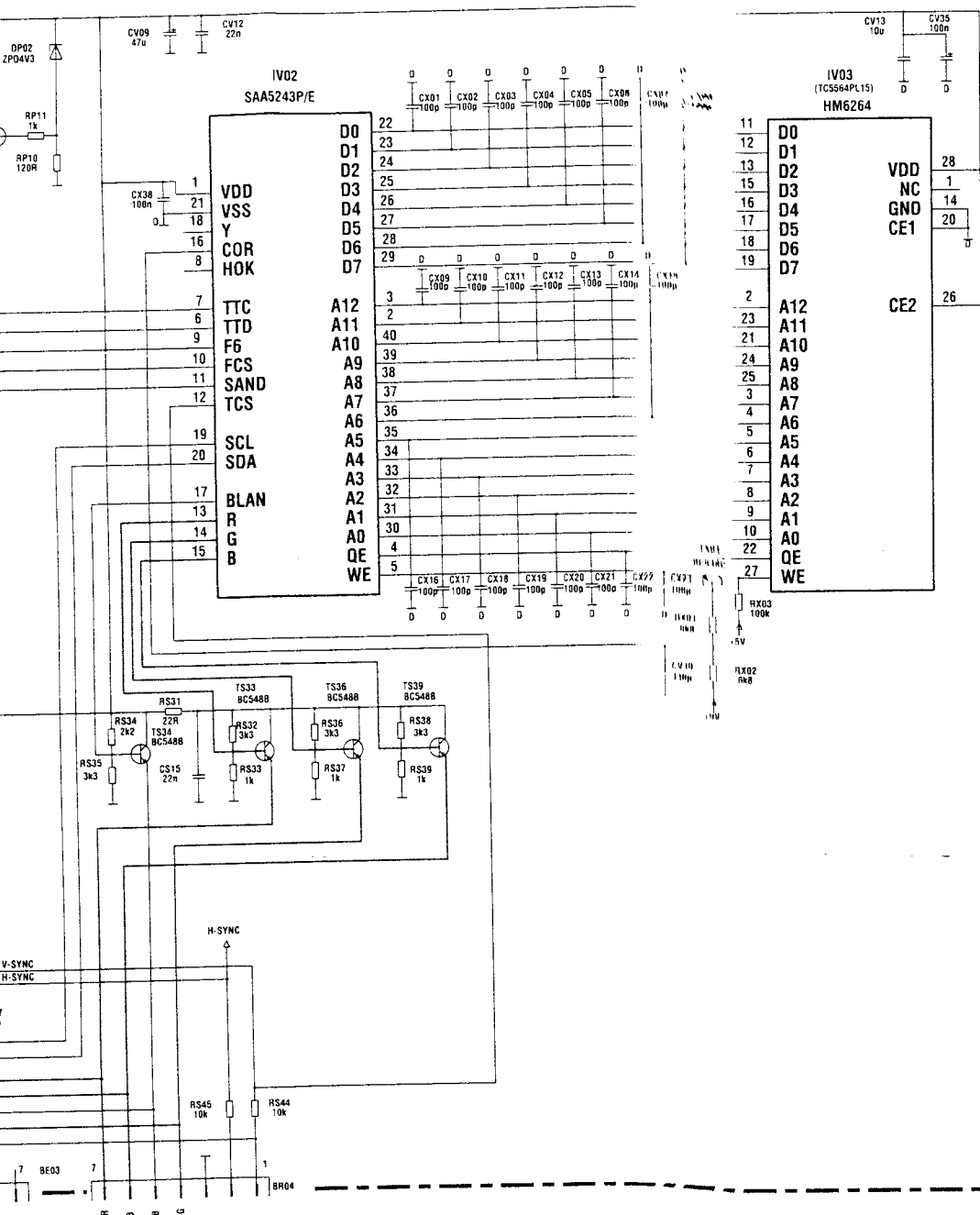
FI20
68p

IF
IF 2145

CHASSIS







LIST OF ABBREVIATIONS USED
LISTE DES ABREVIATIONS
ERKLÄRUNG DER ABKÜRZUNGEN
LISTA DE ABREVIATURAS EMPLEADAS EN LOS ESQUEMAS
ELENCO DELLE ABBREVIAZIONI UTILIZZATE

A1: Low frequency (audio) internal signal
Signal démodulé (audio)
Ton NF-Signal
Segnal de baja frecuencia (sonido) interna
Segnale a bassa frequenza (audio) interno



AF: Low frequency (audio) exterior signal
Signal basse fréquence audio externe
Ton NF-Signal
Segnal de baja frecuencia (sonido) externo
Segnale a bassa frequenza (audio) esterno

AF1: Low frequency (audio) internal signal
Signal démodulé (audio)
Ton NF-Signal
Segnal de baja frecuencia (sonido) interna
Segnale a bassa frequenza (audio) interno



AUE: Exterior audio-visual switching
Commande de commutation audio-visuel
extérieur
Audio/Video-Fremdeingangs-Umschaltung
Mando de conmutacion audiovisual externo
Commando di commutazione audiovisuale
esterno

AVS: Scart socket slow switching
Commande commutation lente prise
péritélévision
Langsame Umschaltung Euro-AV-Buschse
Conmutacion redfred toma peritelevision
Commutazione lente presa peritelevisione

B': Regulation and switching power supply command
Signal de commande de l'alimentation à
découpage et régulation
Steuersignal desSchaltnetzeils und Regulierung
Senalde mando de la alimentacion ondulator y
regulacion
Segnale di comando alimentazione a
sezionamento e regolazione

BCL: Ray current maesurement
Mesure du courant de faisceaux
Strahlstrom-Messung
Medida de corriente de haces
Misura di corrente di fascio

BD1: Intermedia B I.L' frequency switching
Commutation de la fréquence intermediaire B I.L'
Umschaltung der ZF des B I.L'
Conmutacion de la frecuencia B I.L'
Commutazione frequenza intermedia B I.L'

CVBS: Receiver video (internal) - SCI / DVT
Vidéo du récepteur (interne) - SCI / DVT
Internes FBAS-Signal - SCI / DVT
Video del receptor (interna) - SCI / DVT
Video ricevitore (interno) - SCI / DVT

CVBS1: Receiver video (internal) - IF....
Vidéo du récepteur (interne) - IF....
Internes FBAS-Signal - IF....
Video del receptor (interna) - IF....
Video ricevitore (interno) - IF....

IF: Intermedia frequency
Fréquence intermédiaire
ZF
Frecuencia intermedia
Frequenza intermedia

- H: Line return pulse
Impulsion de retour ligne
Zeilerucklauf-Impuls
Impulso de retorno linea
Impulso di ritorno linea

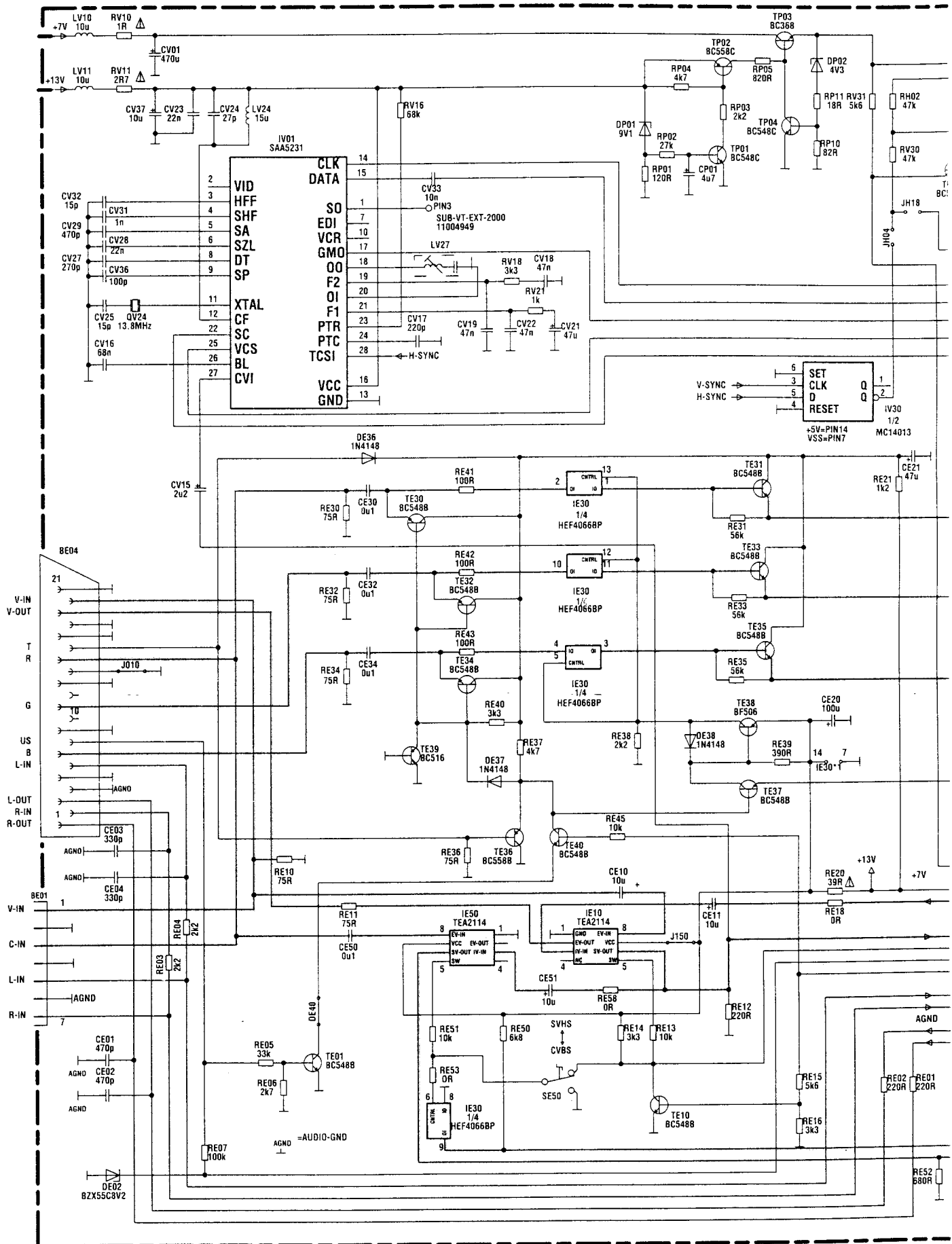
MUTE: Mute control and probe stop
Commânde silencieux son et arrêt de la
recherche
Signal der Tonunterdrückung und Suchlauf-Stop
Mando silenciamiento sonido y parada de
busqueda
Commando esclusione audio e interruzione
ricerca

P: IV01 (TA 8659 N) intergrated circuit supply
Alimentation du circuit intégré IV01 (TA 8659 N)
Speispannung des IC- IV01 (TA 8659 N)
Alimentacio circuito intergrado IV01 (TA 8659 N)
Alimentazione circuito integrato IV01 (TA 8659 N)

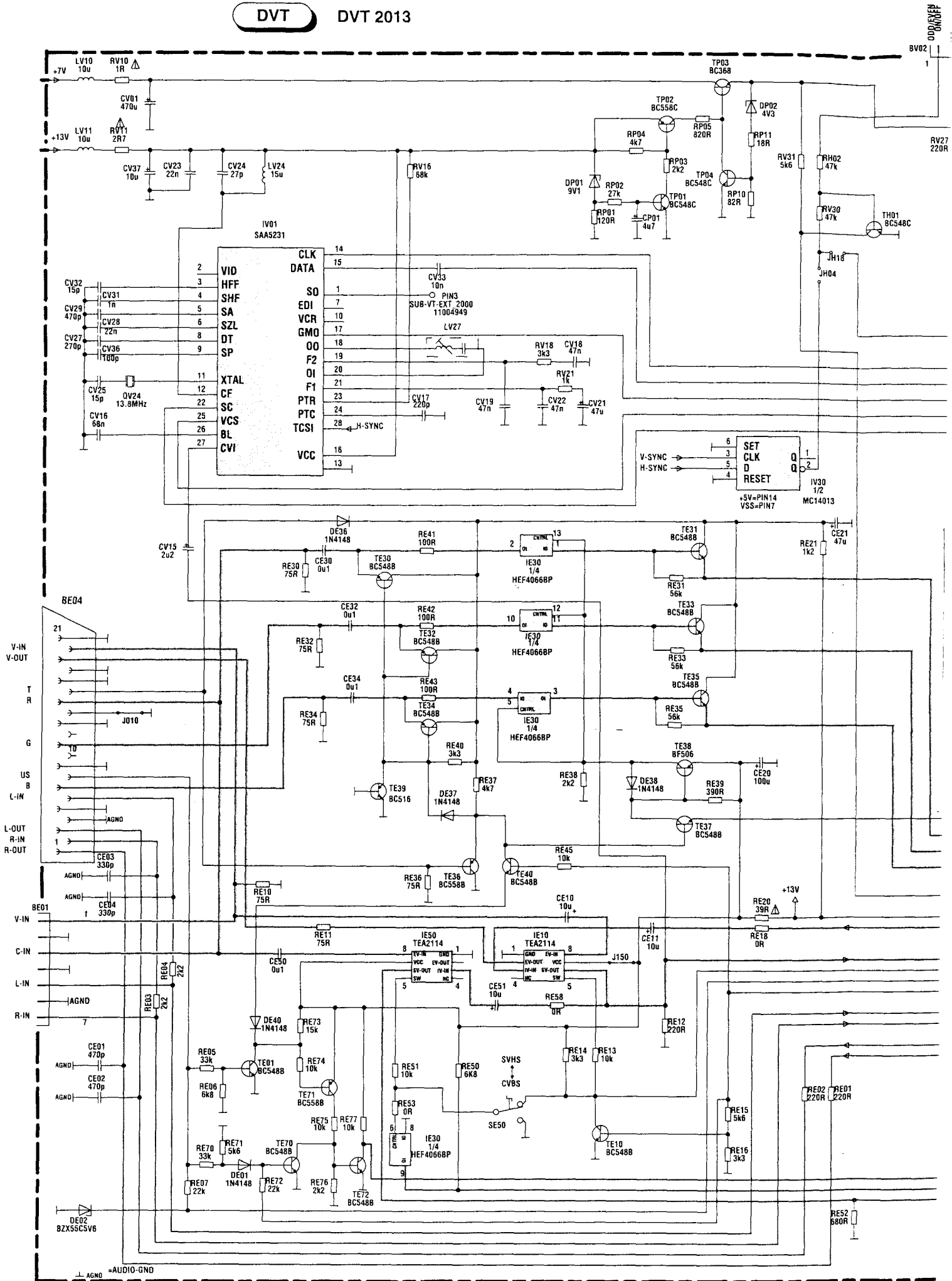
STD: Norm switching
Commutation de normes
Empfangsnorm-Umschaltung
Conmutacion de norma
Commutazione di norma

- V: Vertical pulse
Impulsion verticale
Vertikal-Impuls
Impulso verical
Impulso verticale

TH: Line pulse
Impulsion ligne
Horizontal-Impuls
Impulso linea
Impulso linea

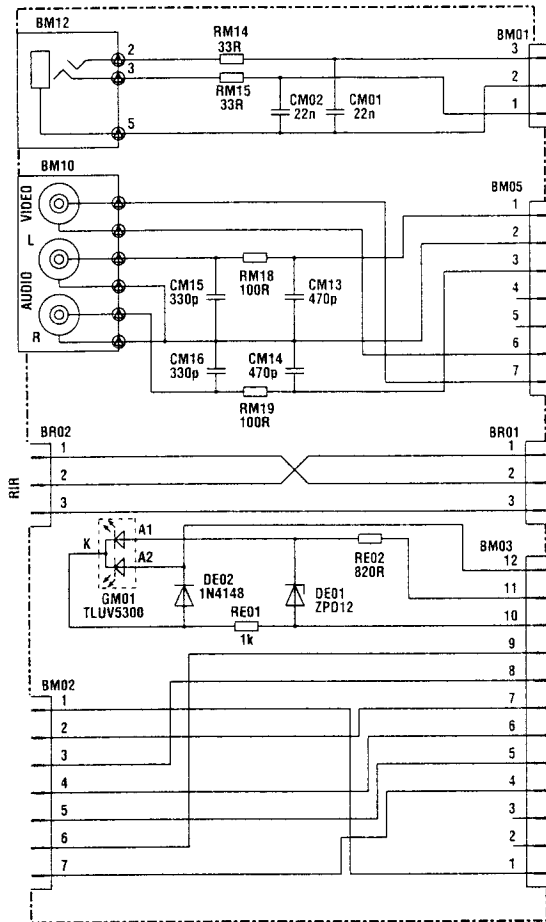






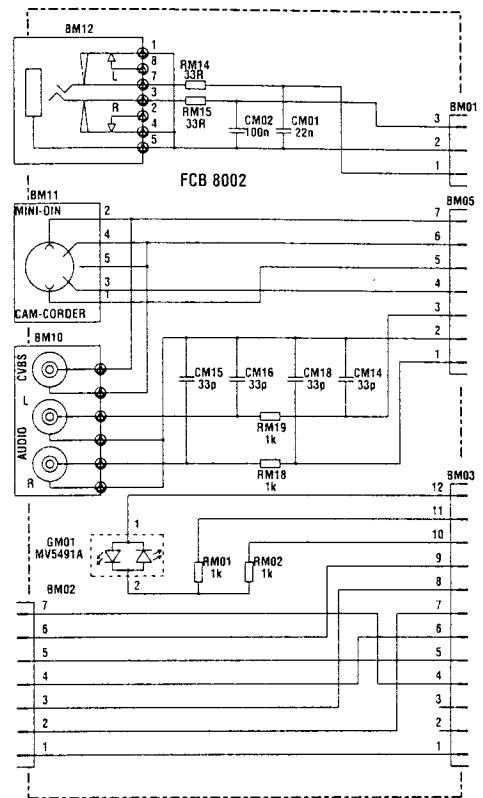
FCB

FCB 8010



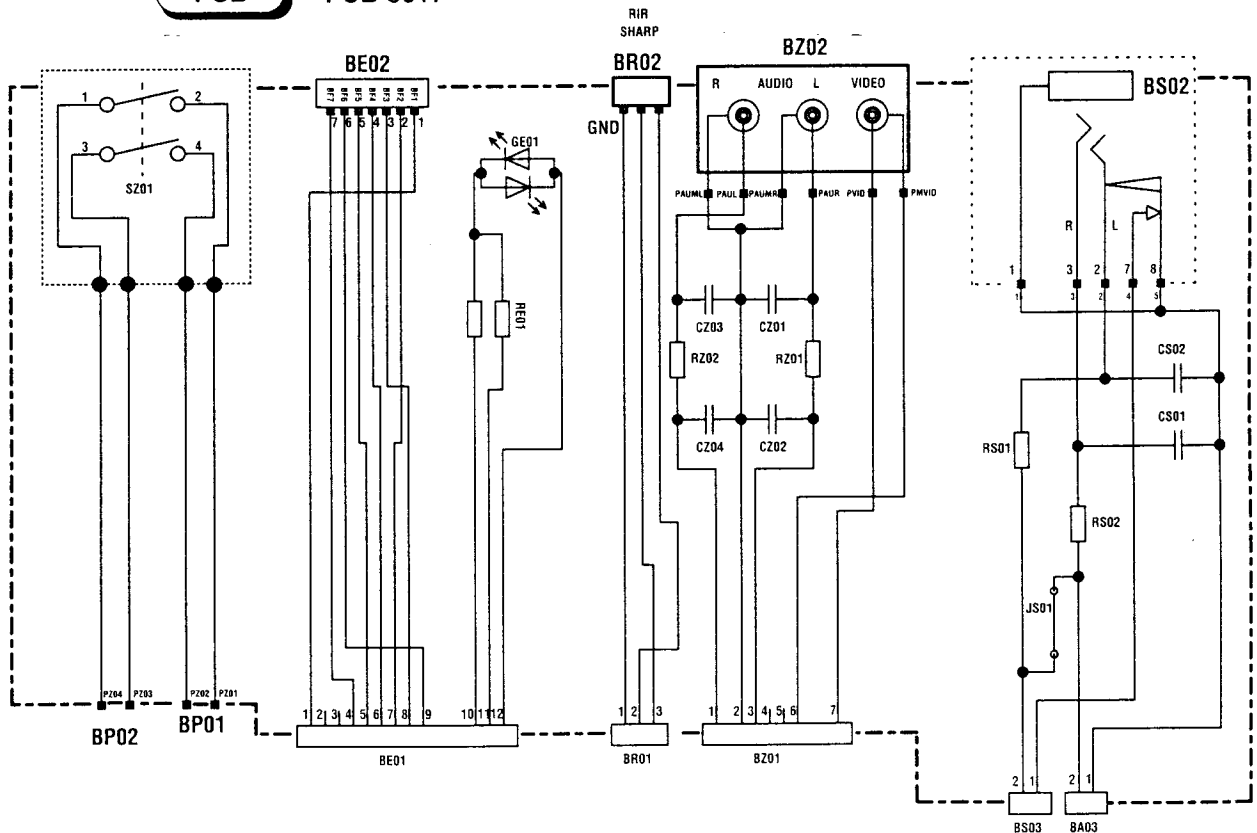
FCB

FCB 8002



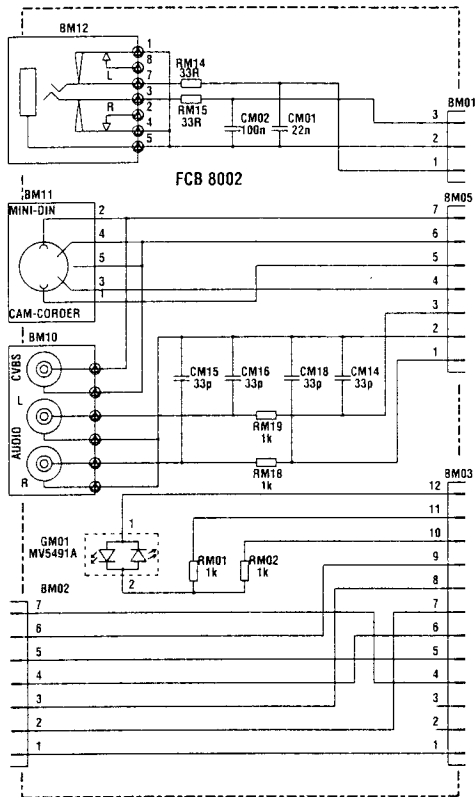
FCB

FCB 8017



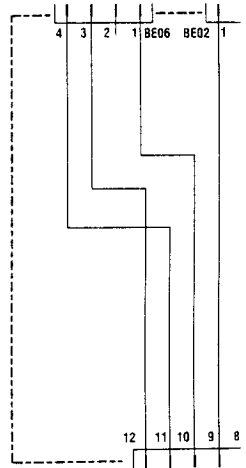
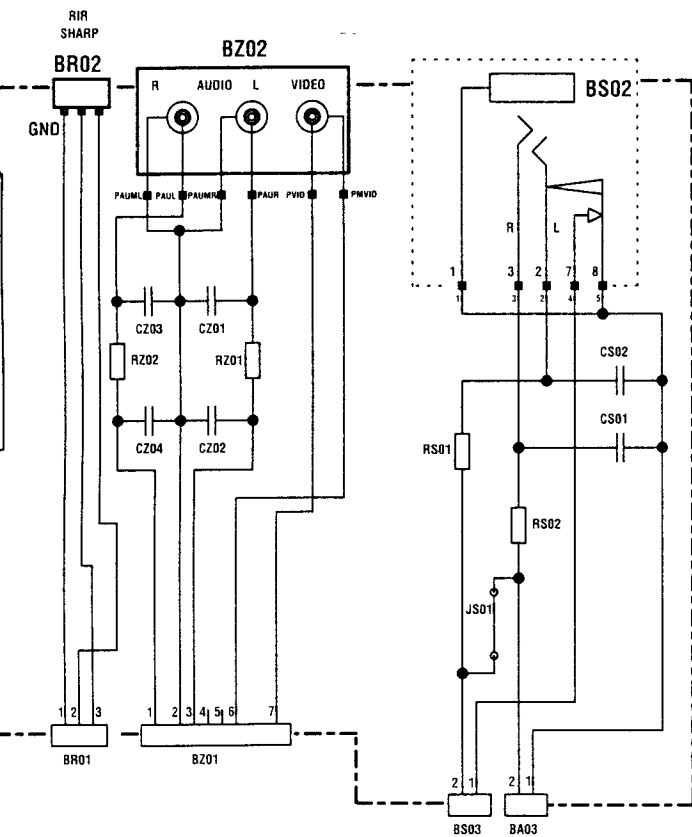
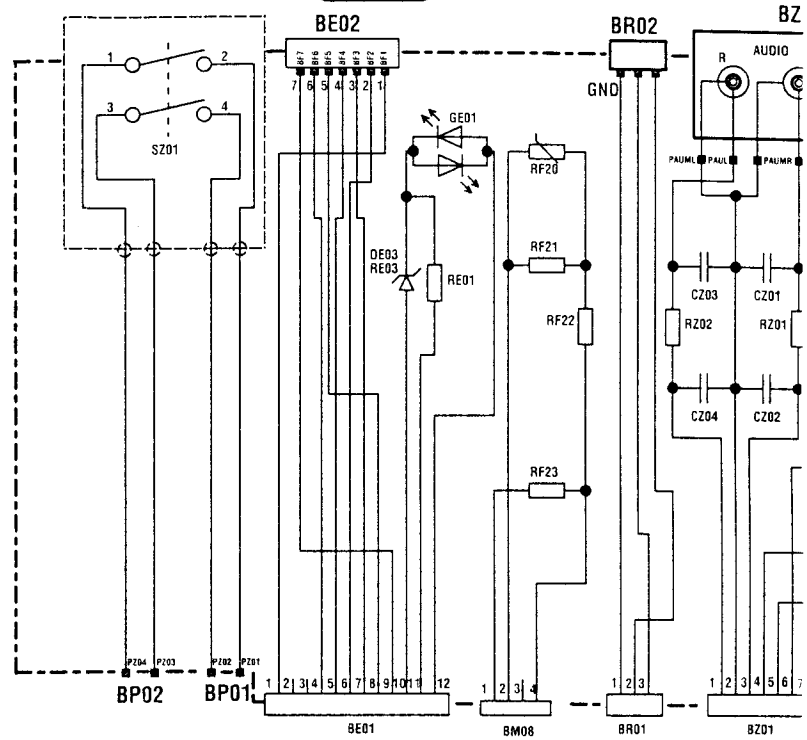
FCB

FCB 8002



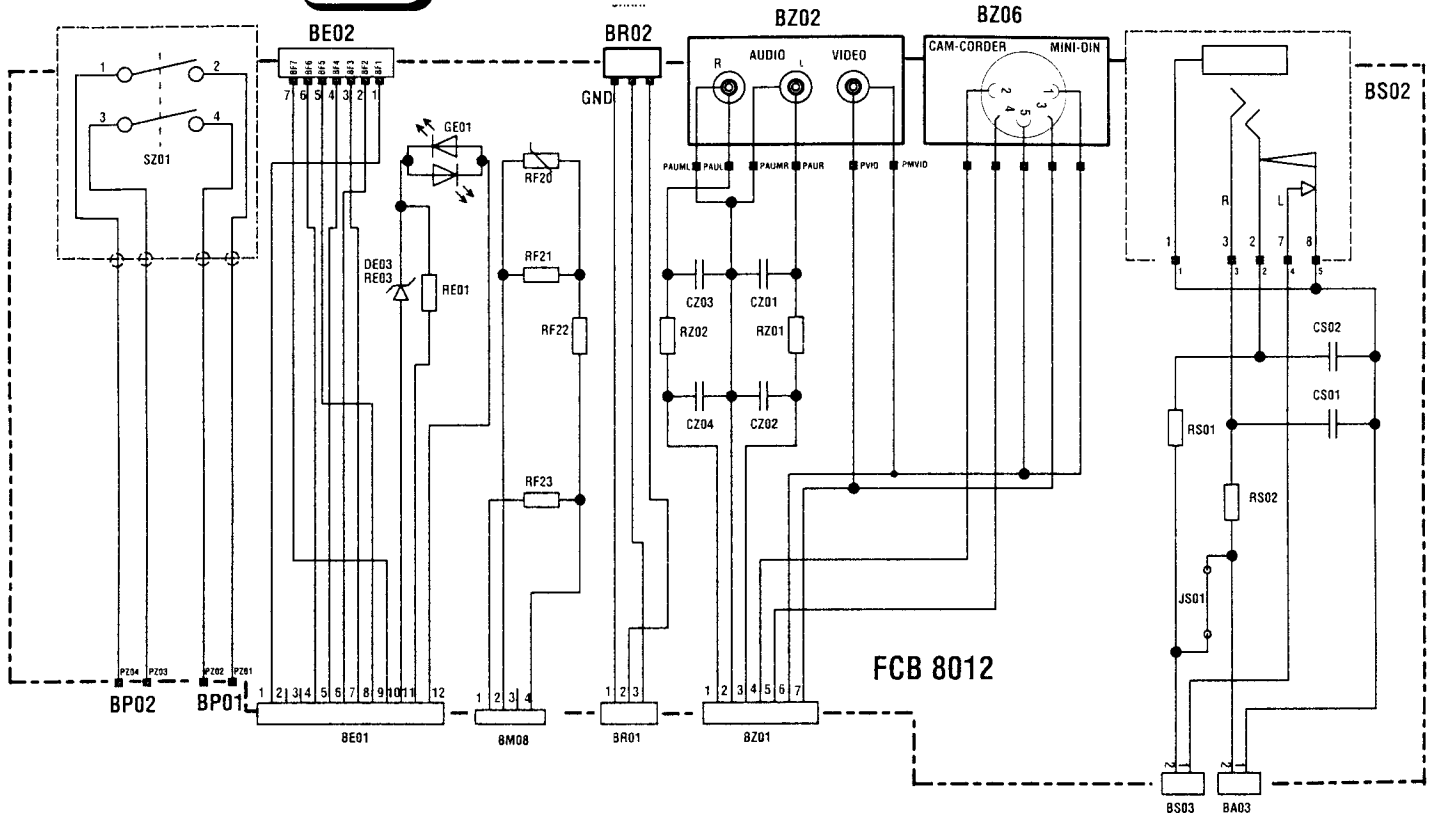
FCB

FCB 8012



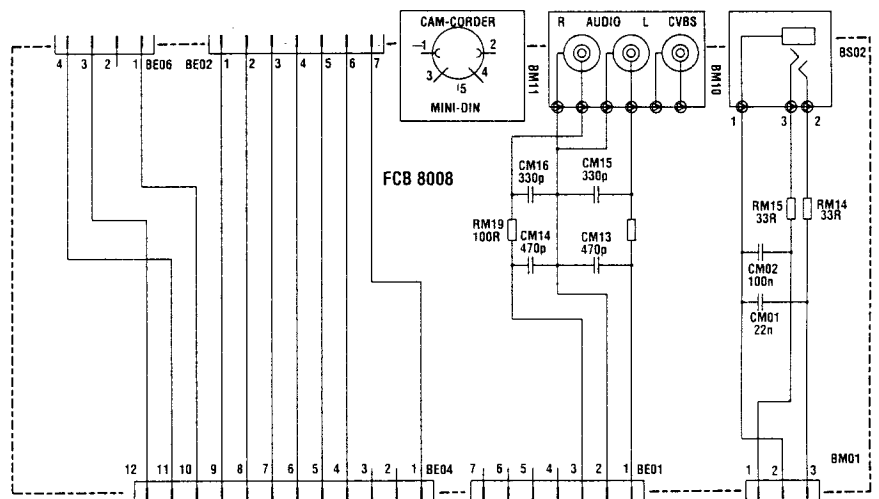
FCB

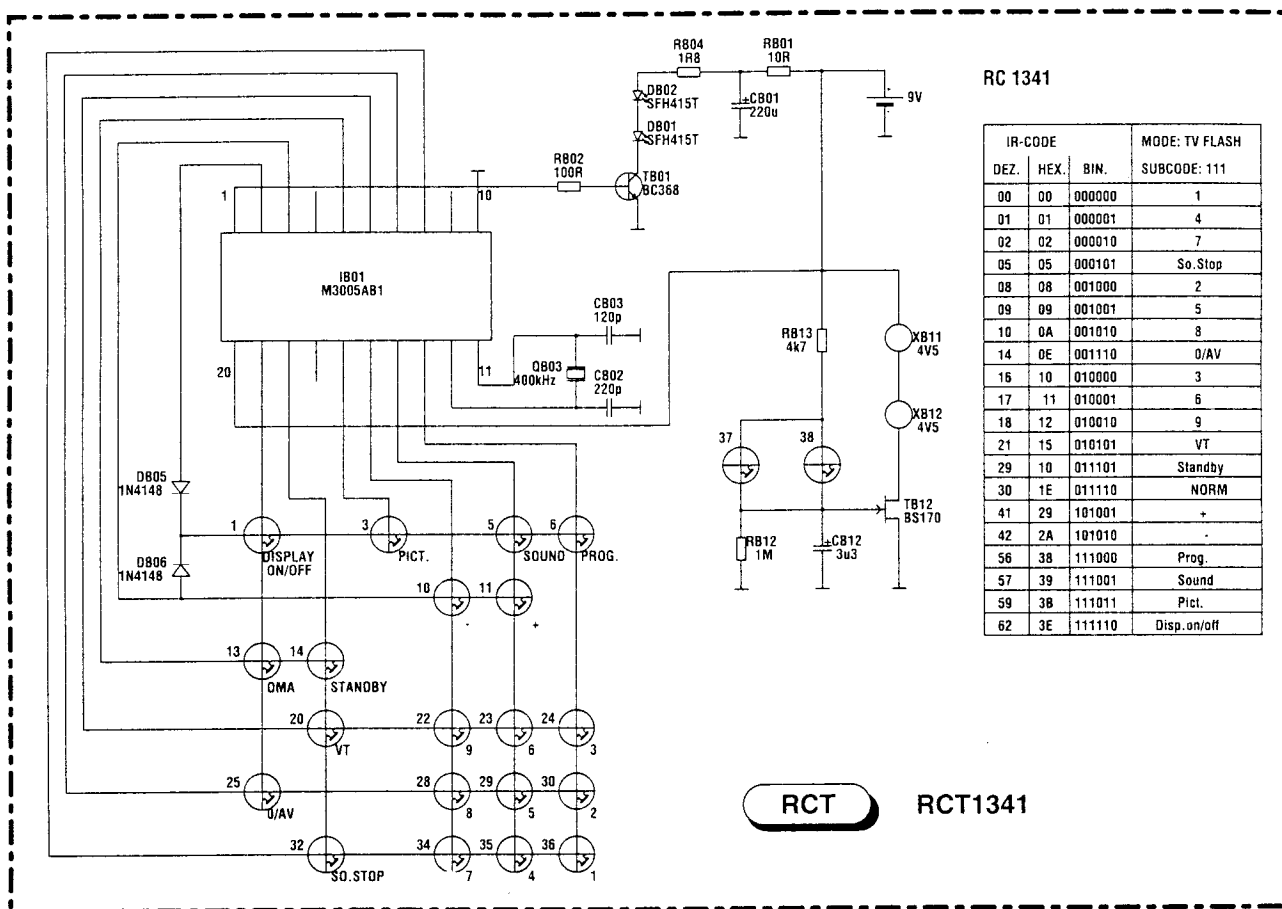
FCB 8012



FCB

FCB 8008



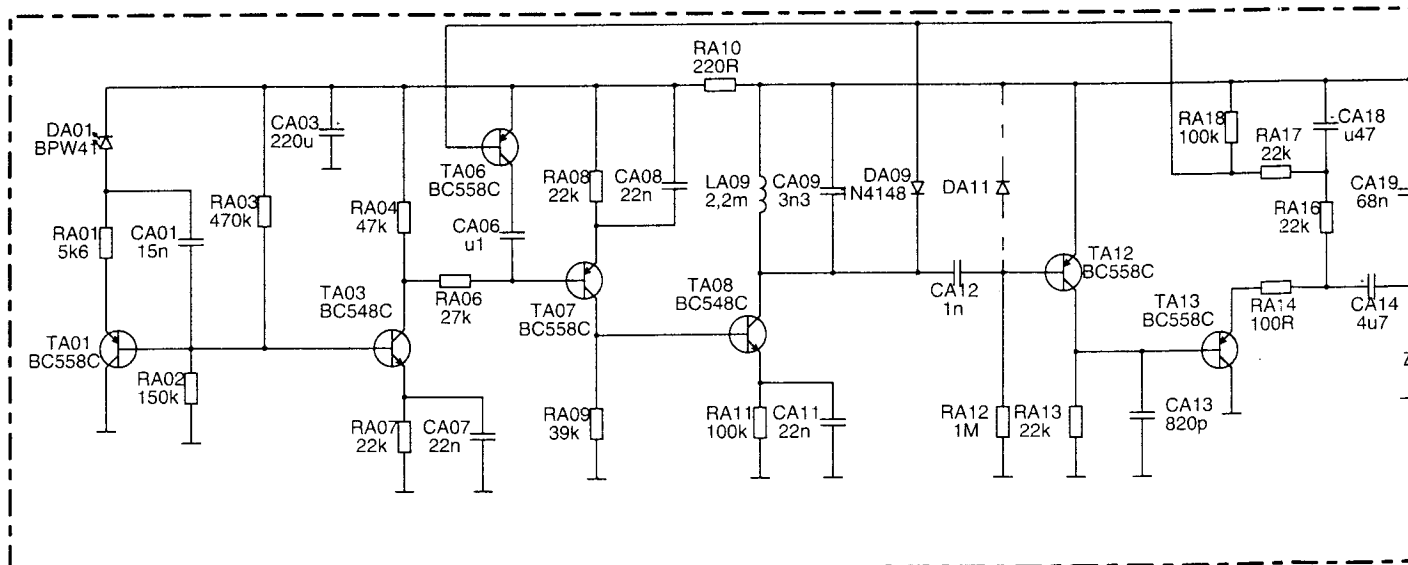


RCT

RCT1341

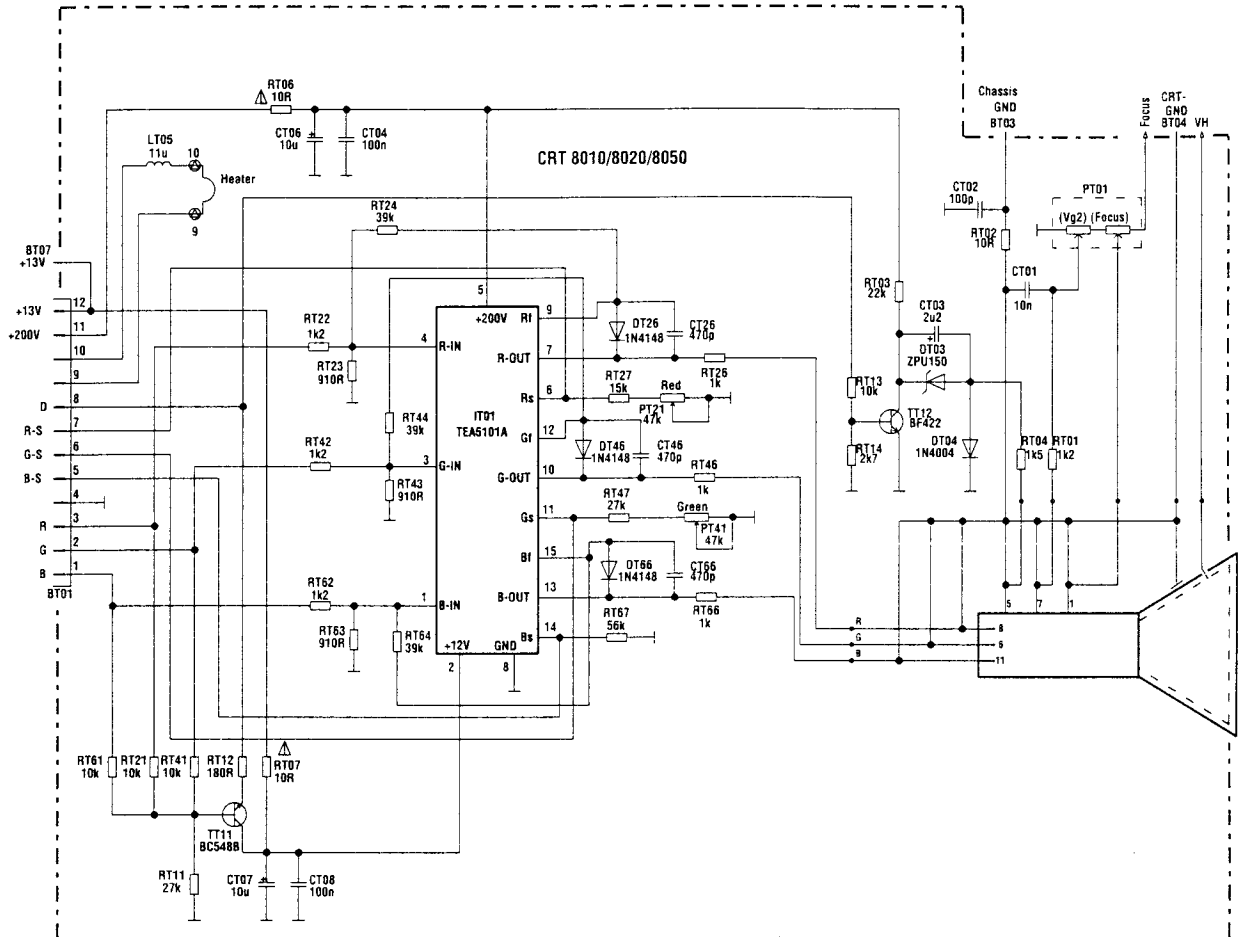
RIR

RIR4000/4008

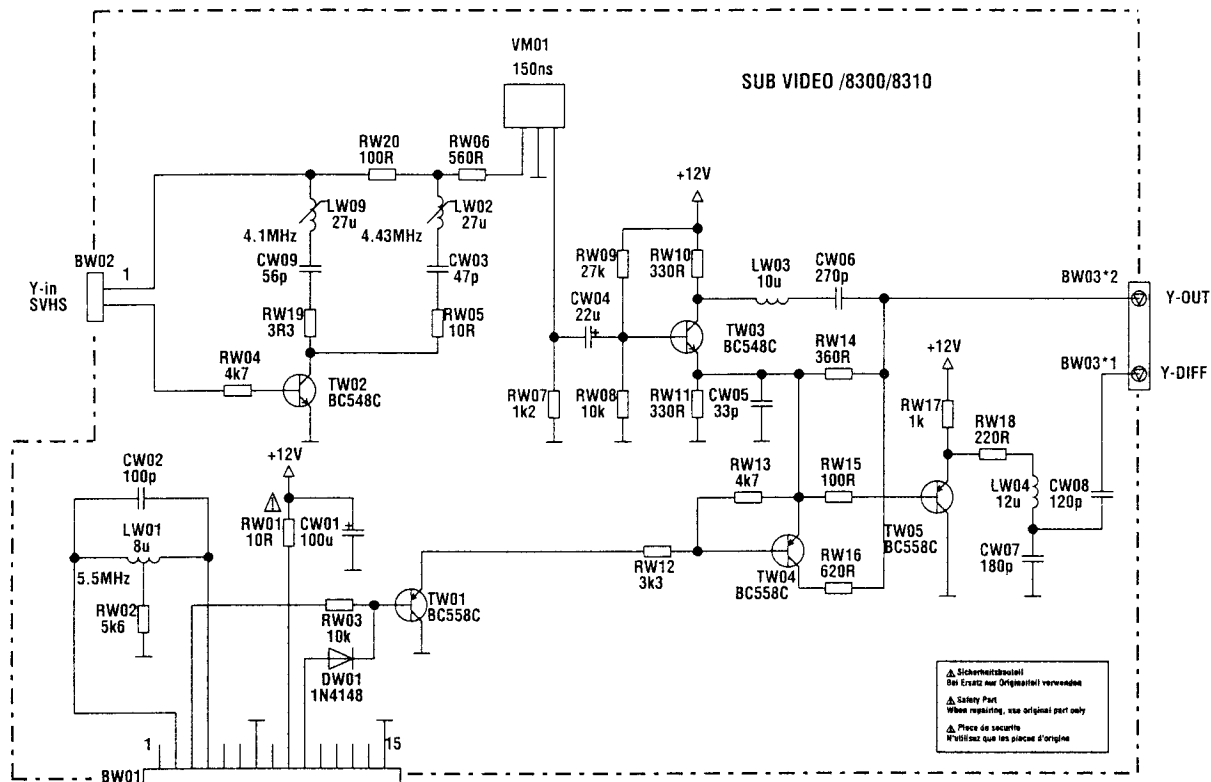


 Legend	 Légende	 Zeichenerklärung	 Leyenda	 Leggenda	
	On-Off	Marche-Arrêt	Ein-Aus	Encendido-Apagado	Acceso-Spento
	Stand-by	Attente (veille)	Bereitschaft	Espera	Disponibile
	Brightness	Luminosité	Helligkeit	Luminosidad	Luminosita
	Contrast	Contraste	Kontrast	Contrasto	Contrasto
	Hue	Teinte	Farbton	Tinta	Tinta
	Colour saturation	Saturation couleur	Farbsättigung	Saturación de color	Saturazione di colore
	Medium	Niveau moyen	Mittelwert	Nivel medio	Livello medio
	Automatic tuning	Recherche automatique	Automatischer Suchlaut	Búsqueda automática	Ricerca automatica
CH	Channel call	Appel canal	Kanalabruf	Llamada canal	Chiamata canale
	Stereo / Mono	Stéréo / Mono	Stereo / Mono	Estereo / Mono	Stereo / Mono
	Fine tuning	Accord fin	Feinabstimmung	Sintonización fina	Sintonizzazione fine
	Output	Sortie d'un signal	Ausgang	Salida de señal	Uscita di segnale
	Input	Entrée d'un signal	Eingang	Entrada de señal	Ingresso di segnale
	Scart socket	Prise peritélevision	Peri-TV Scart Buchse	Eurotoma	Presa peritelevisione
	Horizontal synchronization	Synchronisation horizontale	Horizontal synchronisation	Sincronización horizontal	Sincronizzazione orizzontale
	Vertical synchronization	Synchronisation verticale	Vertikal synchronisation	Sincronización vertical	Sincronizzazione verticale
	Horizontal picture shift	Cadrage horizontal	Bildlage horizontal	Cuadraje horizontal	Correzione orizzontale
	Vertical picture shift	Cadrage vertical	Bildlage vertikal	Cuadraje vertical	Correzione verticale
	Horizontal linearity	Linéarité horizontale	Horizontal Linearität	Linealidad horizontal	Linearita orizzontale
	Vertical linearity	Linéarité verticale	Vertikal Linearität	Linealidad vertical	Linearita verticale
	Picture width	Amplitude horizontale	Bildbreite	Amplitud horizontal	Ampiezza orizzontale
	Picture height	Amplitude verticale	Bildhöhe	Amplitud vertical	Ampiezza verticale
	Focus	Concentration	Fokus	Focus	Focus
	East West Pincushion	Coussin Est-Ouest	Ost-West Kissen	Cojín Este-Oeste	Cuscino Est-Ovest
	East West Pincushion Distortion amplitude	Amplitude coussin Est-Ouest	Bild breite Ost-West Kissen	Amplitud cojín Este-Oeste	Ampiezza cuscino Est-Ovest
	East West trapezium	Trapèze Est-Ouest	Ost-West Trapez	Trapezio Este-Oeste	Trapezio Est-Ovest
	Colour bars	Mire de barres	Farbbalken	Carta de barras	Mira di barre
	Video	Vidéo	Fernsehen	Video	Video
	Sound	Son	Ton	Sonido	Suono
	Connection bus	Bus de liaison	Anschluß Bus	Bus de enlace	Via di collegamento
	Signal departure	Départ d'un signal	Signal Quelle	Salida de señal	Partenza di un segnale
	Signal arrival	Arrivée d'un signal	Signal Eingang	Llegada de señal	Arrivo di un segnale
	Oscilloscope	Oscilloscope	Oszilloskop	Oscilloscopio	scilloscopio
	Discriminator demodulator	Discriminateur démodulateur	Diskriminator demodulator	Discriminador demodulador	Discriminatore demodulatore
	Converter	Convertisseur	Umformer	Convertidor	Convertitore
	Phase changer	Changeur de phase (déphaseur)	Phasenweiche	Cambiador de fase	Sfasatore
	Limit threshold device	Dispositif à seuil limiteur	Begrenzer	Dispositivo de umbral limitador	Dispositivo a soglia limitatore
	Oscillator	Oscillateur	Oszillator	Oscilador	Oscillatore
	Phase comparator	Compareur de phase	Phasen Vergleichler	Comparador de fase	Comparatore di fase
	Signal producer	Générateur	Generator	Generador	Generatore
	Coincidence detector	Détecteur à coïncidence	Koinzidenzdetektor	Detector de coincidencia	Rivelatore di coincidenza
CC	Cable channel	Réseau câblé	Kabelkanäle	Canal por cable	Rete via cavo

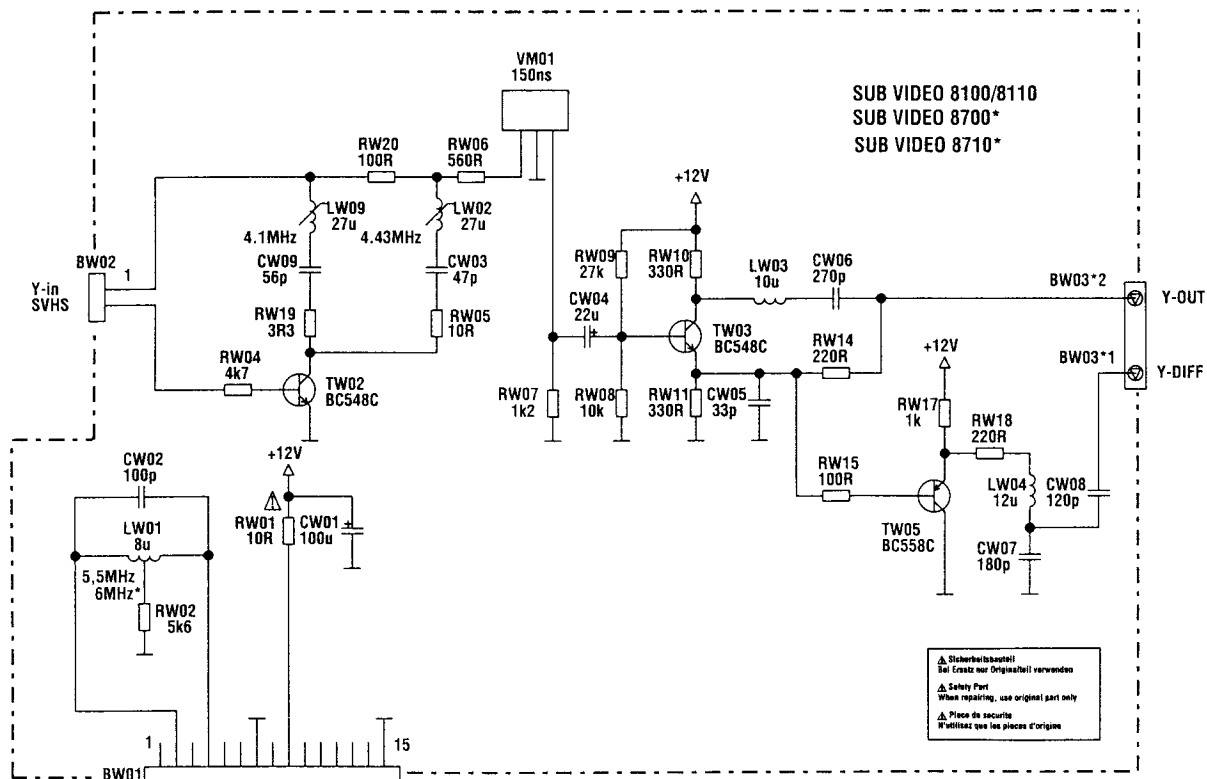
CRT8010/8020/8050

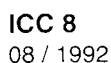


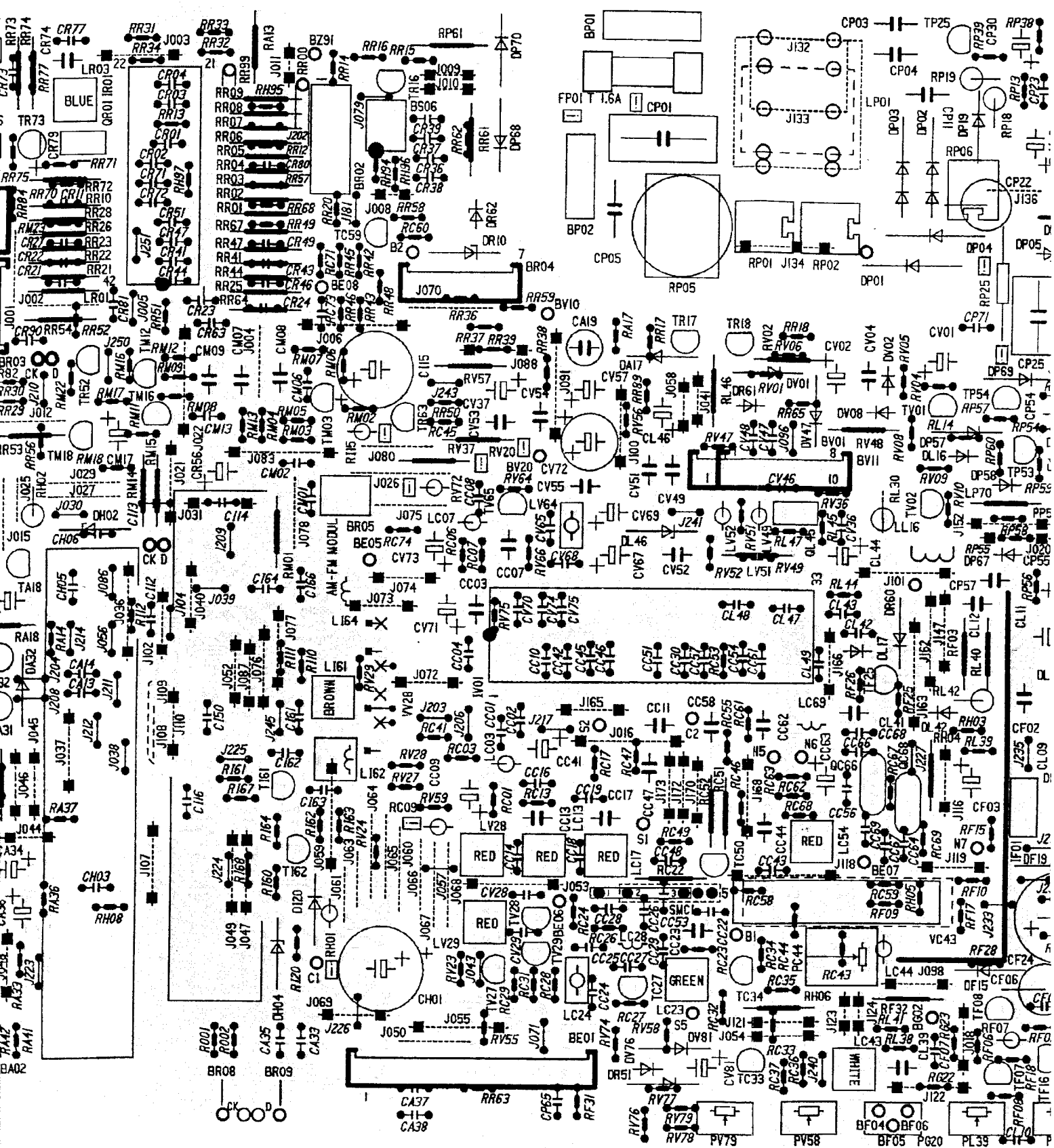
SUB VIDEO 8300/8310

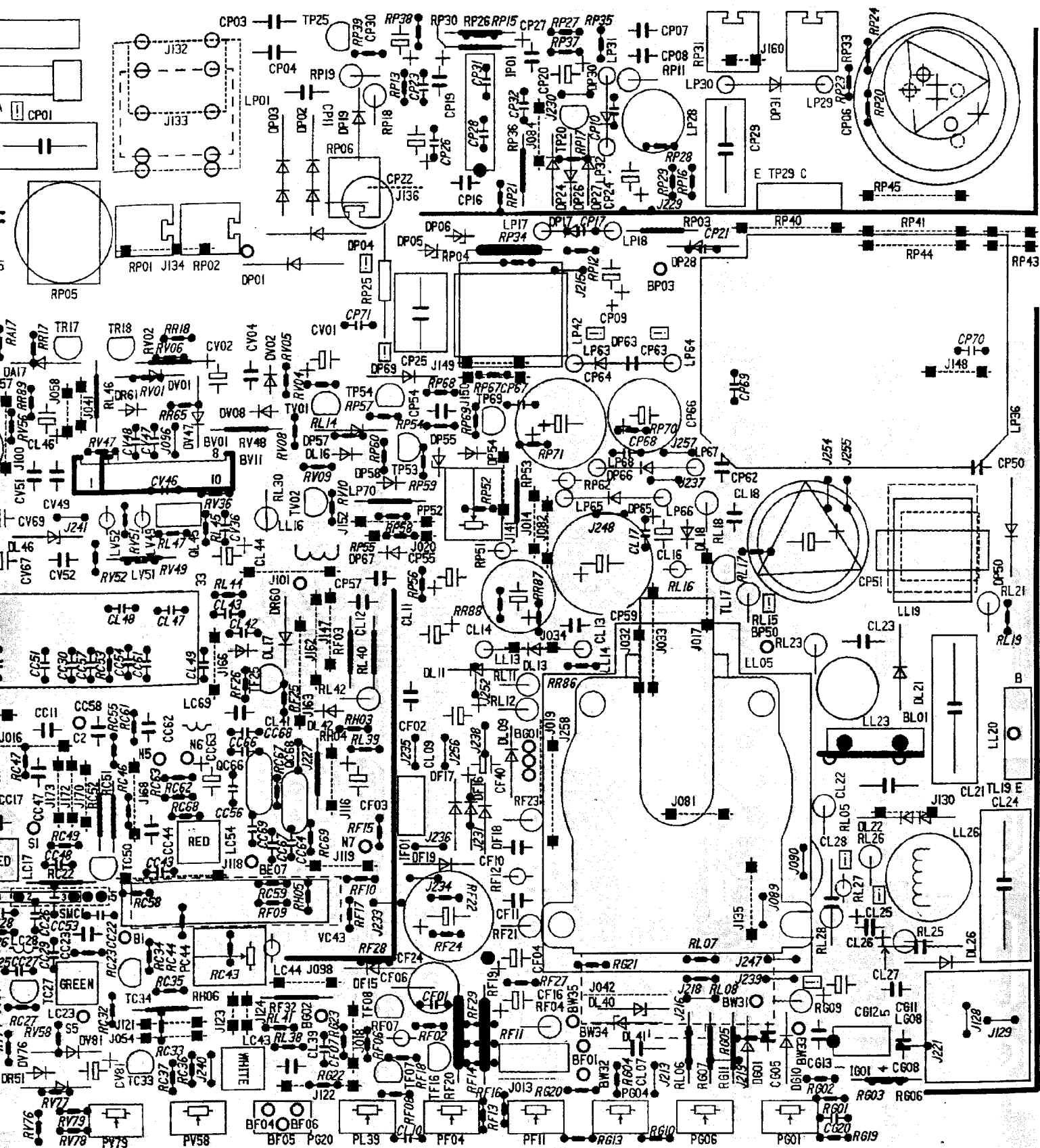


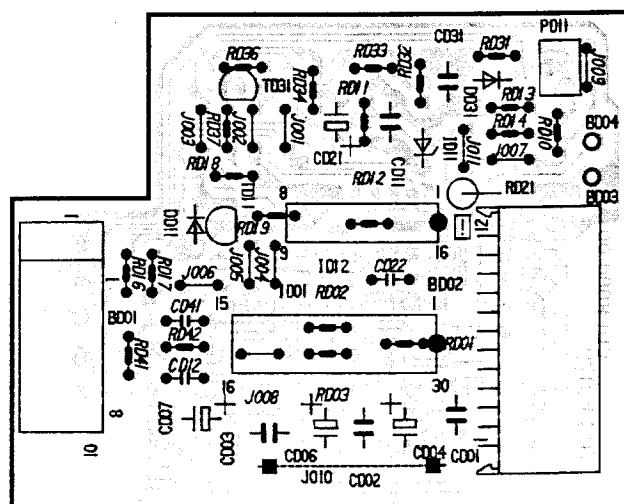
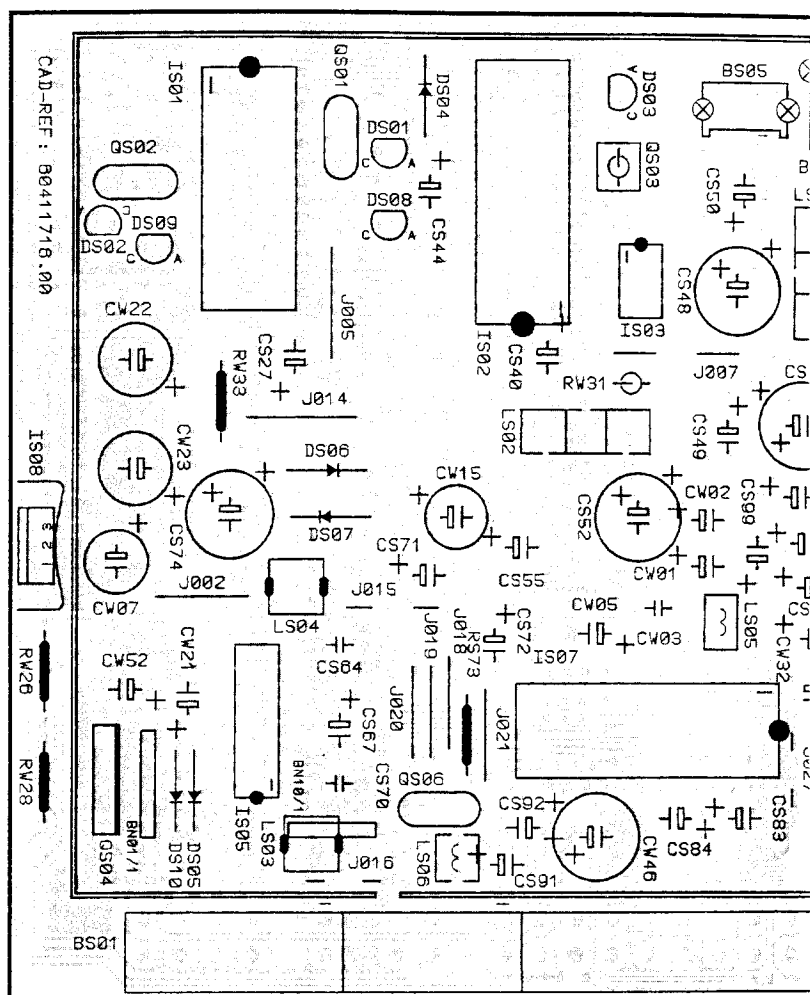
SUB VIDEO 8100/8110/8700*/8710*

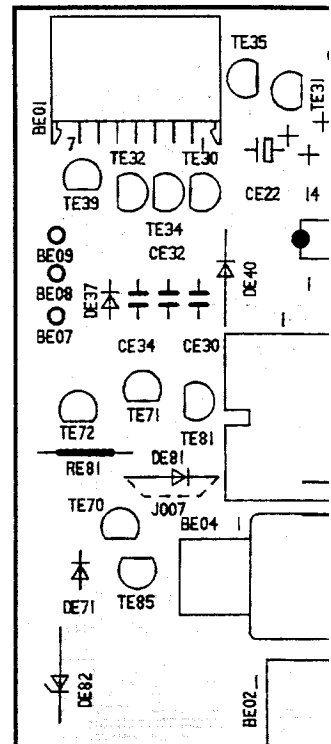
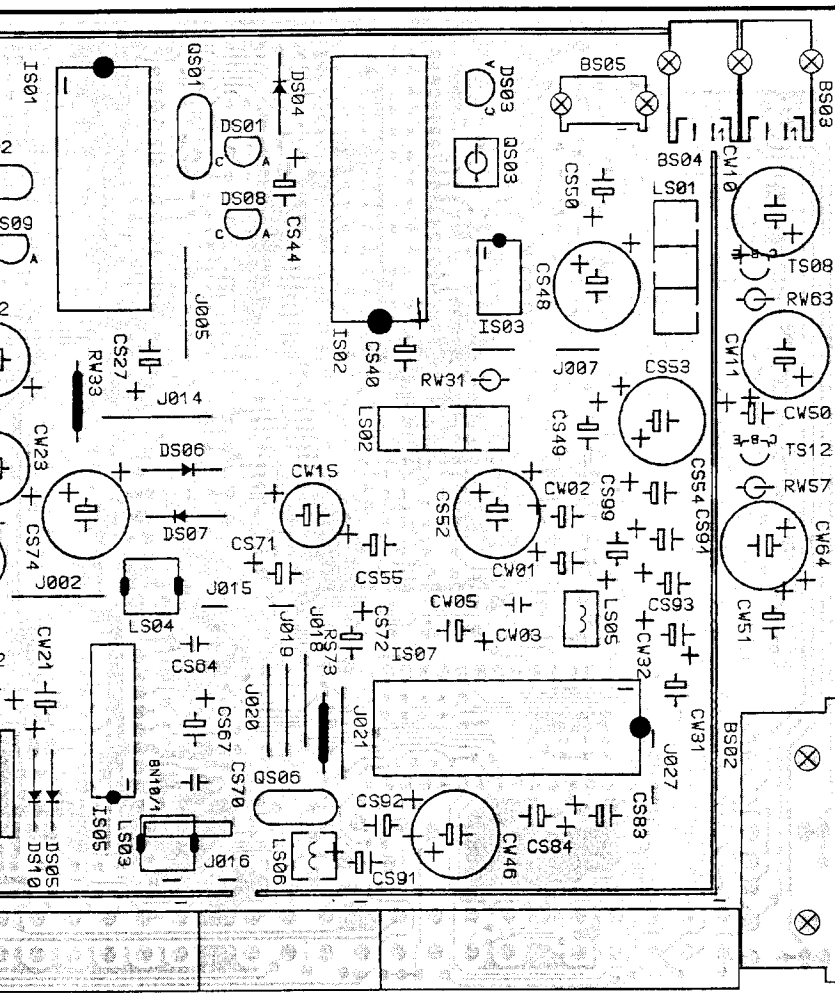




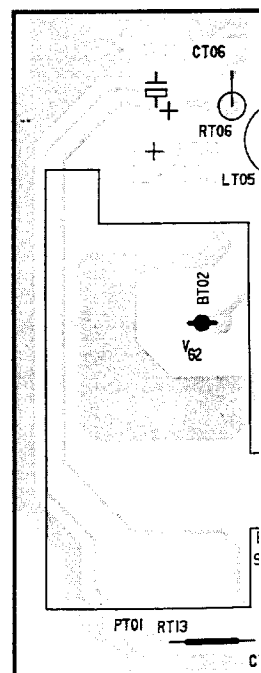
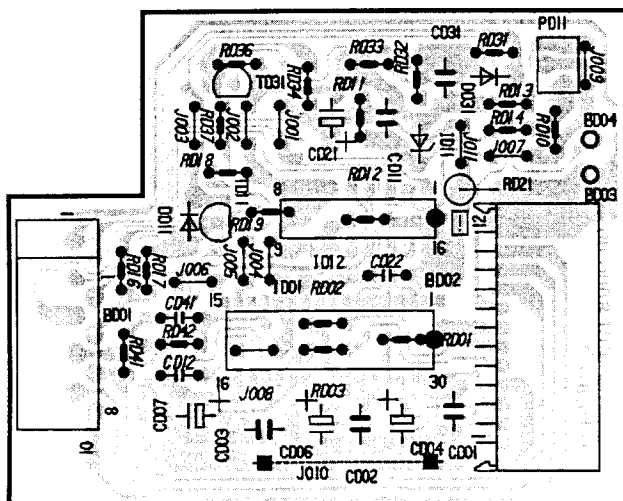




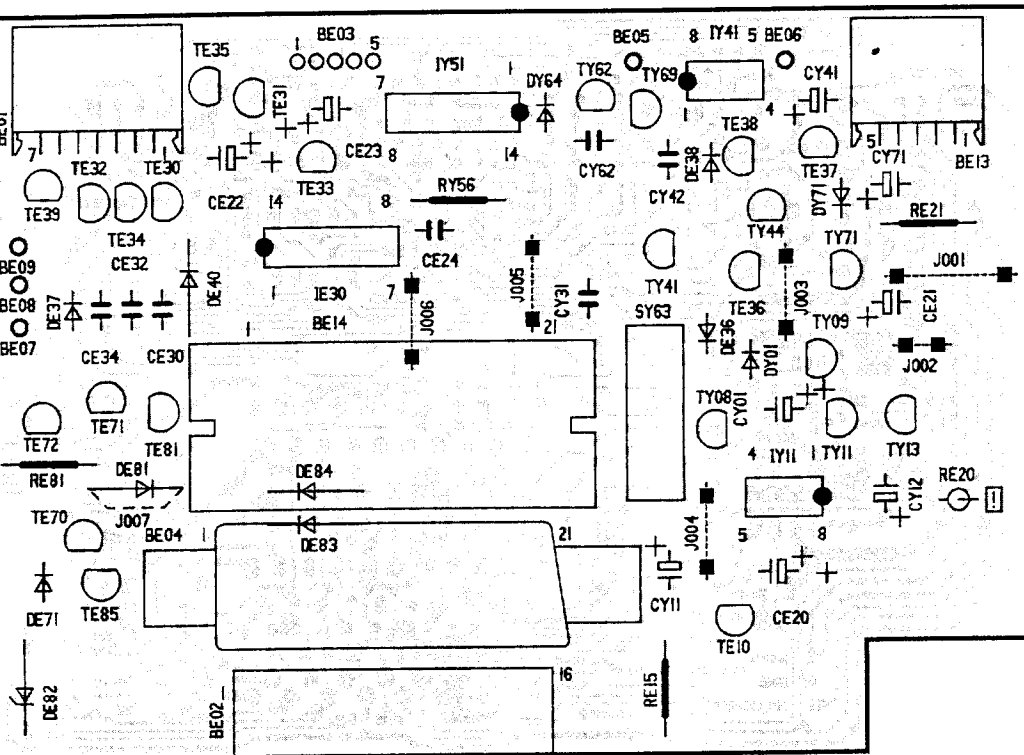




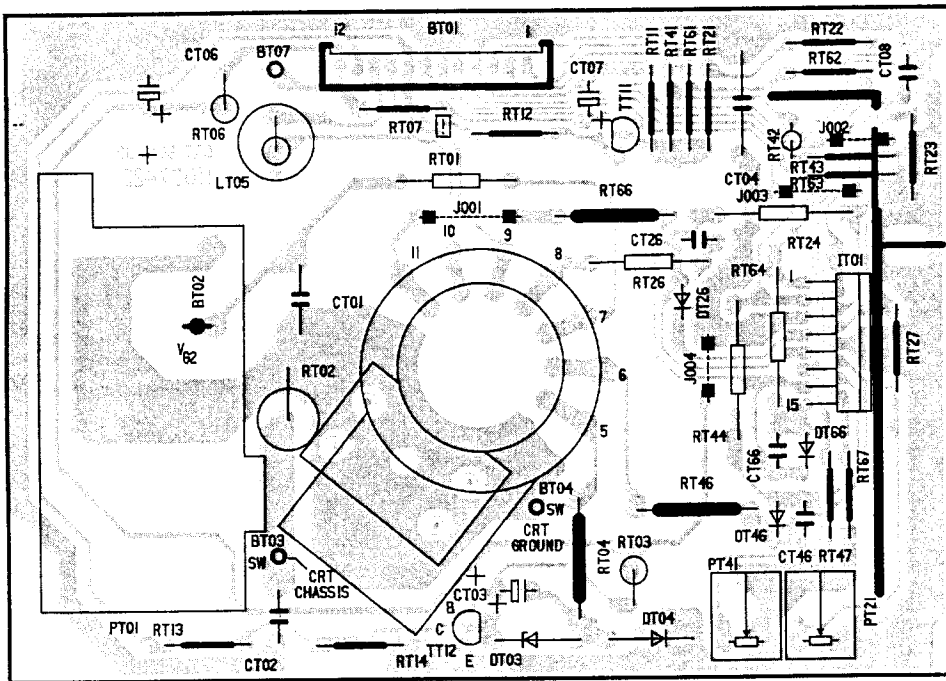
CDI 8000



SCI7040



CRT 8010/8020/8050

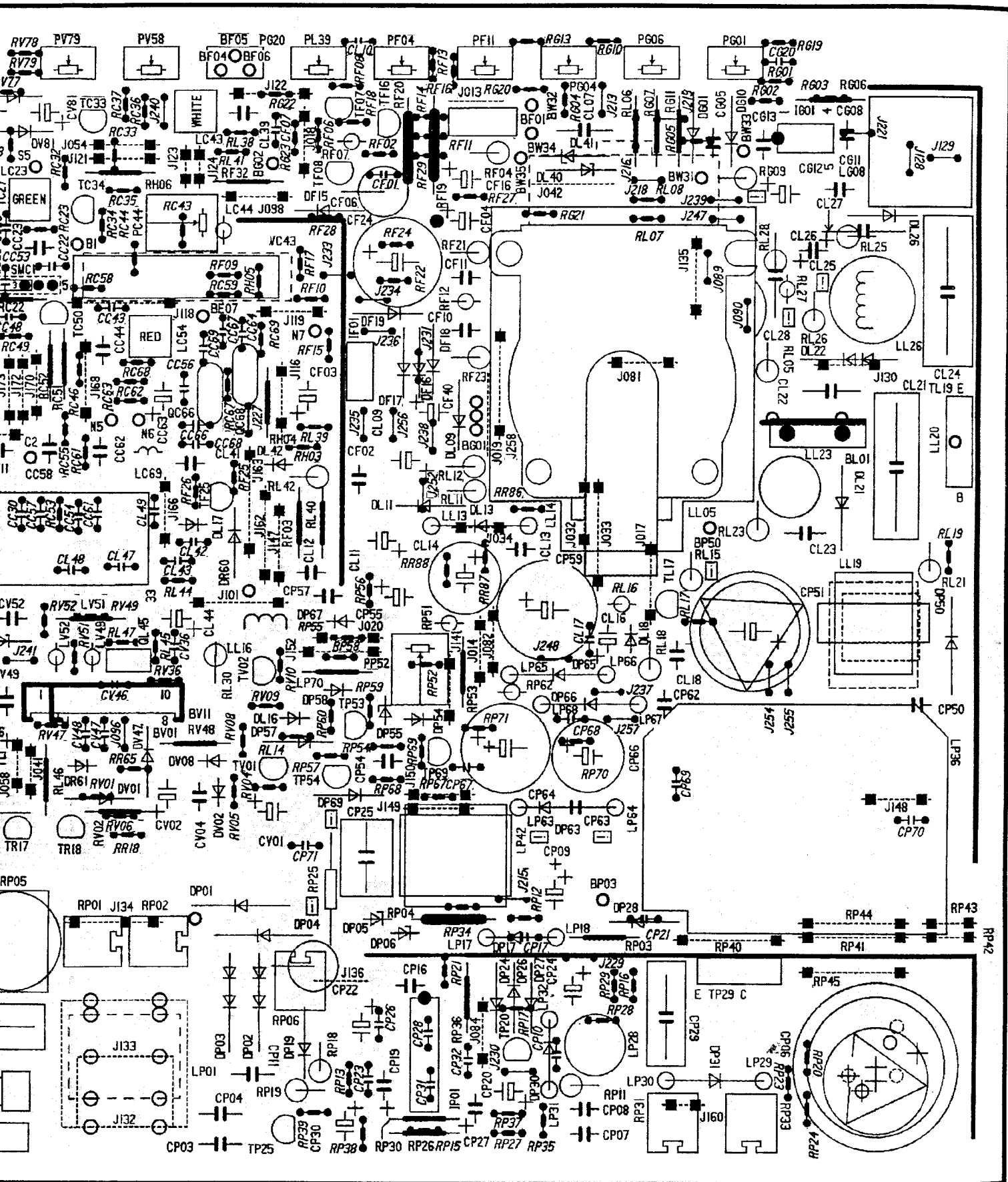


I - TECHNICAL DATA AND COMPOSITION OF RECEIVERS

COMMON TECHNICAL DATA : Selection of 60 programs HF and 1 audiovisual by IR remote control

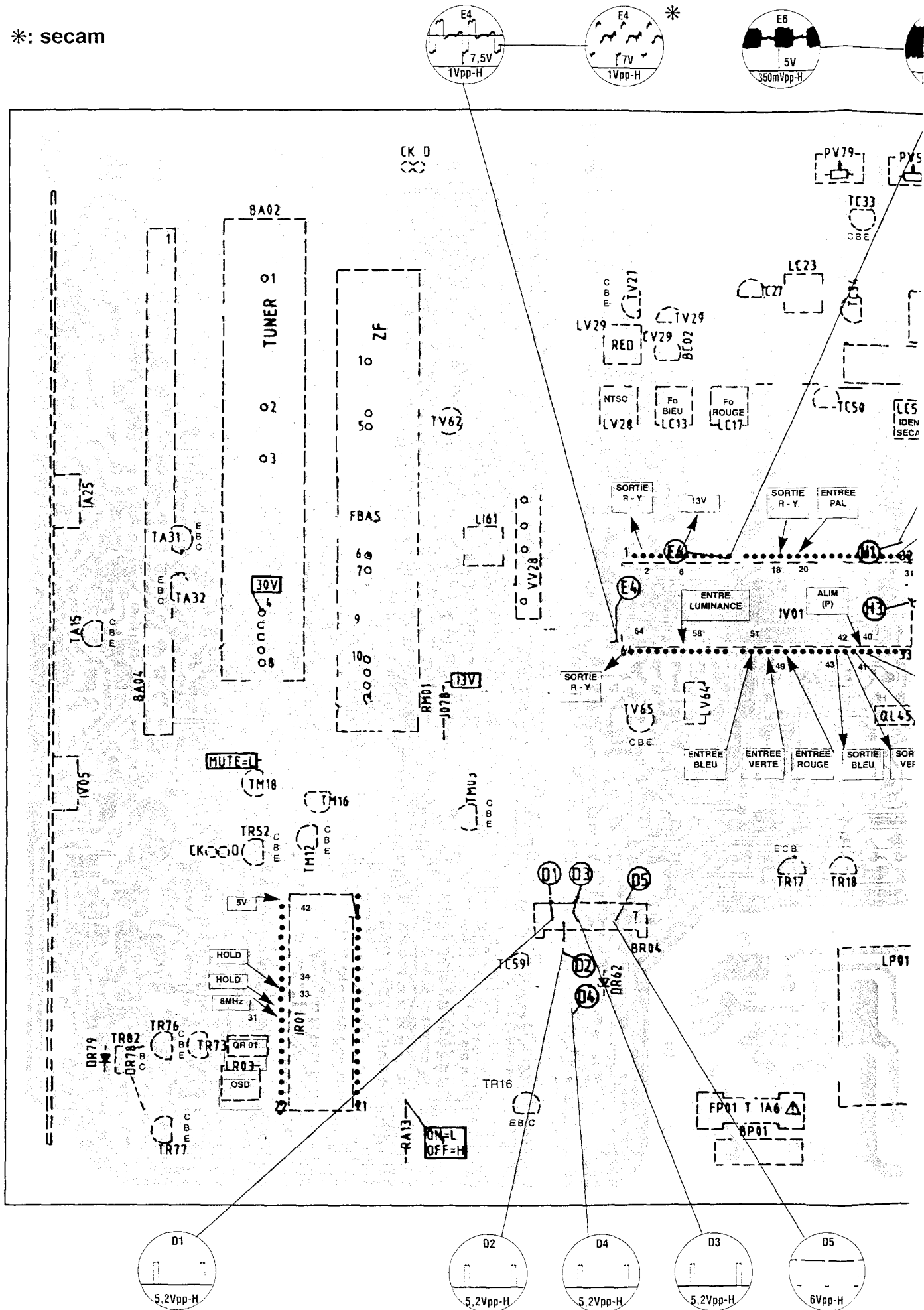
O.S.D. : - for channel programming and identification
for levels of Customer control settings

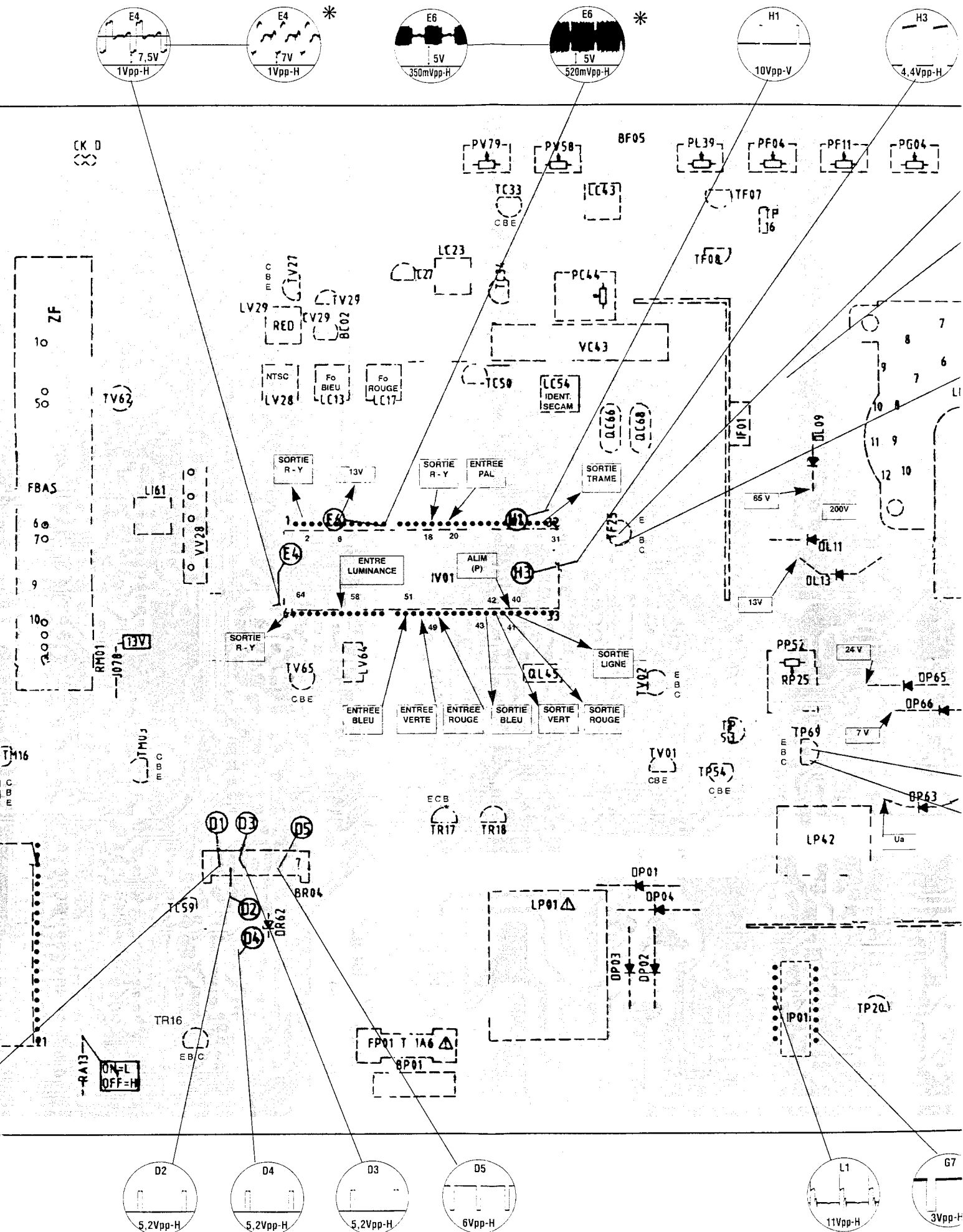
COMMERCIAL REFERENCES			L x H x D (mm) Weight (kg)		Cons. (W/h) Sound Power (W)		TRC cm / °		Norm Decoding		CHAPTER			SUBASSEMBLY													
											I	II	III & V	CHASSIS	AUDIO	CRT	N/S	CDI	DVT	SCI	HF/FL	KB/FCB	RIR / RCT	OTHER			
COMMERCIAL REFERENCES			L x H x D (mm) Weight (kg)		Cons. (W/h) Sound Power (W)		TRC cm / °		Norm Decoding		CHAPTER			SUBASSEMBLY													
											I	II	III & V	CHASSIS	AUDIO	CRT	N/S	CDI	DVT	SCI	HF/FL	KB/FCB	RIR / RCT	OTHER			
59SL2	674X490X430	29	105 2X20W	25° 110°	I PAL	OPERATING INSTRUCTIONS	Adjustments 1 to 6	Description ==> Block Diagram Schema PCB	ICC8707 1 to 2 1 to 4 1 to 2/6 to 9	Ni2003 9 to 10 3	CRT8010 25 4	NS8000 7 to 8 5	CDI8000 25 3	- - -	SCI7040 16 4	MTP2011 IF2132 11 to 12	FCB8008 22	RIR4000 23	LDN6005 S.VID 8710 26 11								
68SL2	745X521X475	36	105 2X20W	29° 110°	I PAL	OPERATING INSTRUCTIONS	Adjustments 1 to 6	Description ==> Block Diagram Schema PCB	ICC8707 1 to 2 1 to 4 1 to 2/6 to 9	Ni2003 9 to 10 3	CRT8010 25 4	NS8002 7 to 8 5	CDI8000 25 3	- - -	SCI7040 16 4	MTP2011 IF2132 11 to 12	FCB8008 22	RIR4000 23	LDN6005 S.VID 8710 26 11								
B51NX	510X444X398	21	95 2X20W	21° 90°	I PAL	OPERATING INSTRUCTIONS	Adjustments 1 to 6	Description ==> Block Diagram Schema PCB	ICC8706 1 to 2 1 to 4 1 to 2/6 to 9	Ni2003 9 to 10 3	CRT2007 5 5	- - -	CDI7000 4 to 5 10	DVT2013 19 to 20 12	- -	MTP2011 IF2132 11 to 12	FCB8017 21	RIR4000 23	S.VID 8710 26 11								
B59N	626X490X448	26	95 2X20W	25° 110°	I PAL	OPERATING INSTRUCTIONS	Adjustments 1 to 6	Description ==> Block Diagram Schema PCB	ICC8705 1 to 2 1 to 4 1 to 2/6 to 9	Ni2003 9 to 10 3	CRT7000 5 5	- - -	CDI7000 4 to 5 10	DVT2013 19 to 20 12	- -	MTP2011 IF2132 11 to 12	FCB8010 21	RIR4000 23	S.VID 8710 26 11								
B59NX	662X488X433	29,5	95 2X20W	25° 110°	I PAL	OPERATING INSTRUCTIONS	Adjustments 1 to 6	Description ==> Block Diagram Schema PCB	ICC8704 1 to 2 1 to 4 1 to 2/6 to 9	Ni2003 9 to 10 3	CRT8050 25 4	- - -	CDI7000 4 to 5 10	DVT7000 14 11	SCI7040 16 4	MTP2011 IF2145 12 to 13	FCB8002 21	RIR4000 23	S.DFH7062 S.VID 8710 26 11								
B68NX	719X534X462	33	95 2X20W	28° 110°	I PAL	OPERATING INSTRUCTIONS	Adjustments 1 to 6	Description ==> Block Diagram Schema PCB	ICC8704 1 to 2 1 to 4 1 to 2/6 to 9	Ni2003 9 to 10 3	CRT8050 25 4	- - -	CDI7000 4 to 5 10	DVT7000 14 11	SCI7040 16 4	MTP2011 IF2145 12 to 13	FCB8002 21	RIR4000 23	S.DFH7062 S.VID 8710 26 11								
E51N	510X444X398	21	95 2X20W	21° 90°	I PAL	OPERATING INSTRUCTIONS	Adjustments 1 to 6	Description ==> Block Diagram Schema PCB	ICC8706 1 to 2 1 to 4 1 to 2/6 to 9	Ni2003 9 to 10 3	CRT2007 5 5	- - -	CDI7000 4 to 5 10	DVT2013 19 to 20 12	- -	MTP2011 IF2132 11 to 12	FCB8017 21	RIR4000 23	S.VID 8710 26 11								
C51N	518X444X475	21	95 2X20W	21° 90°	I PAL	OPERATING INSTRUCTIONS	Adjustments 1 to 6	Description ==> Block Diagram Schema PCB	ICC8706 1 to 2 1 to 4 1 to 2/6 to 9	Ni2003 9 to 10 3	CRT2007 5 5	- - -	CDI7000 4 to 5 10	DVT2013 19 to 20 12	- -	MTP2011 IF2132 11 to 12	FCB8012 22	RIR4000 23	S.VID 8710 26 11								
E51 R8 NIC	510X444X398	21	95 2X20W	21° 90°	I PAL	OPERATING INSTRUCTIONS	Adjustments 1 to 6	Description ==> Block Diagram Schema PCB	ICC8706 1 to 2 1 to 4 1 to 2/6 to 9	Ni2003 9 to 10 3	CRT2007 5 5	- - -	CDI7000 4 to 5 10	DVT2012 17 to 18 12	- -	MTP2011 IF2132 11 to 12	FCB8015 23	RIR4000 23	S.VID 8710 26 11								



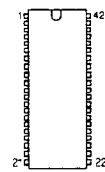
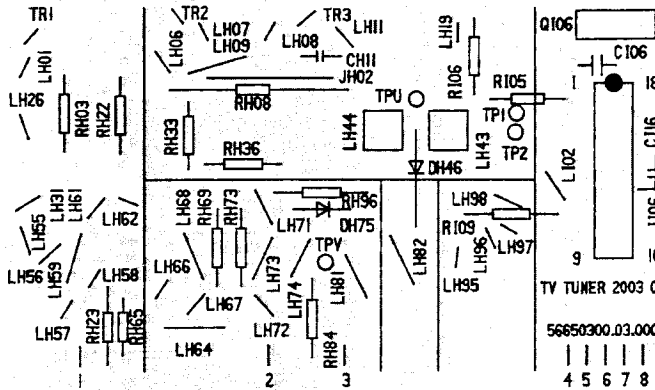
(SOLDER SIDE COTE CUIVRE - LOTSEITE - LADO DEL COBRE - LATO SALDATURE)

*: secam

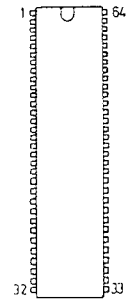




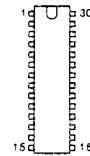
BG2003



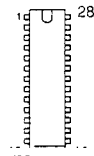
ST6395



TA 8659CN

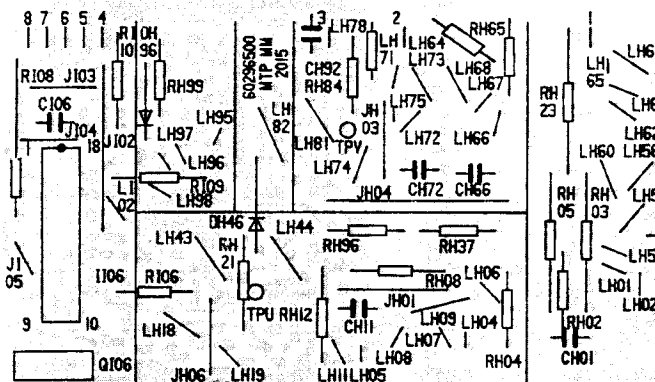


TA8751AN

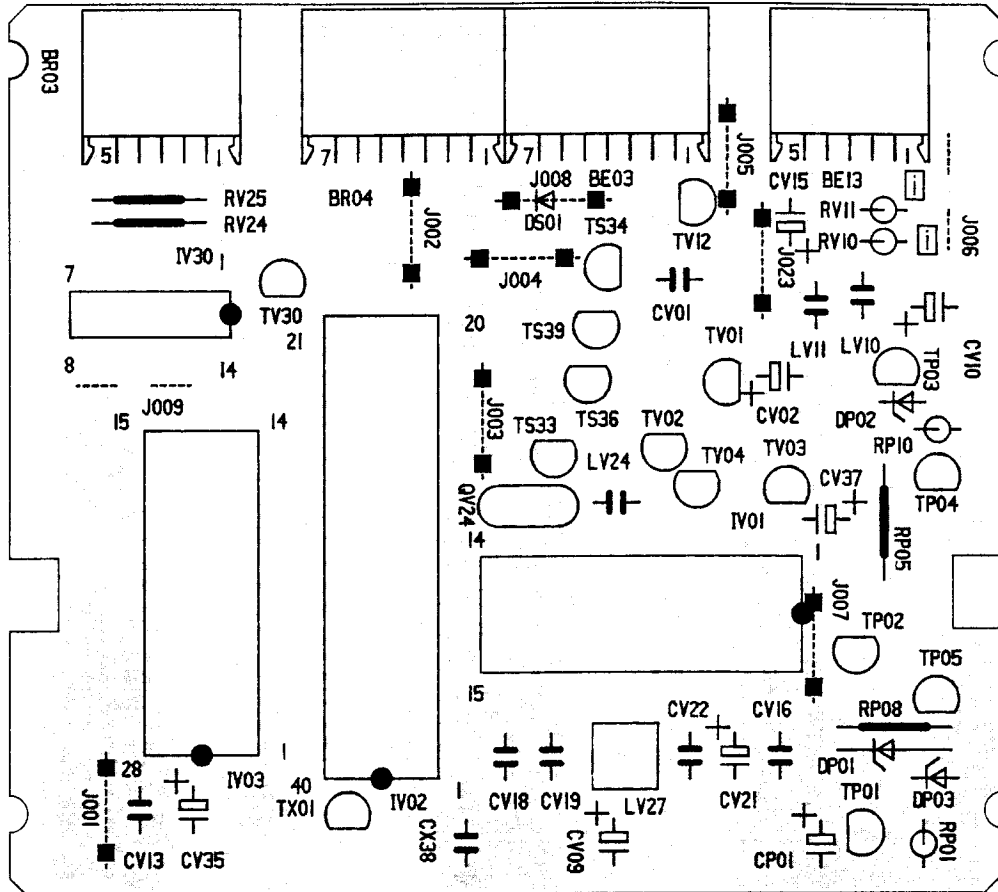


TDA6612

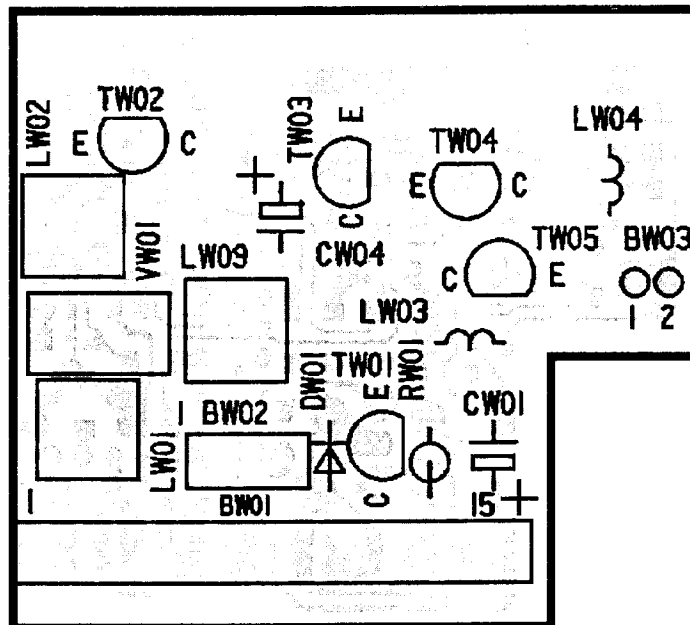
MMTP2015

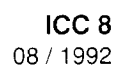


DVT 7000

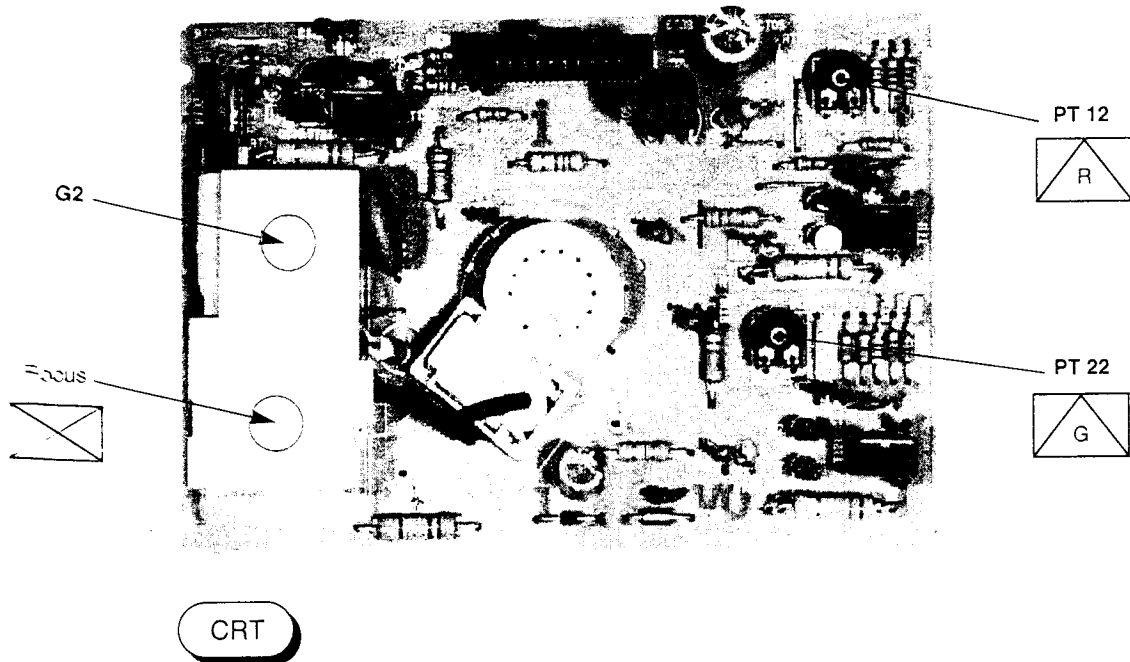


SUB VIDEO 8100 / 8110 / 8300 / 8310 / 8700





II - LOCATION OF CONTROLS - EMBLEMENTS DES REGLAGES - LAGE D

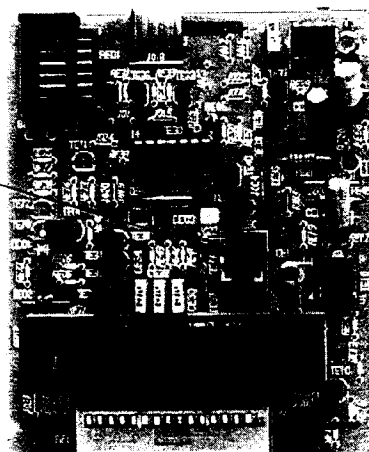


PI 40 HF AGC

LC 13 Blue disci fo
Fo disci - bleu
Fo diskri - blau
Fo disci - azul
Fo disci - azzuro

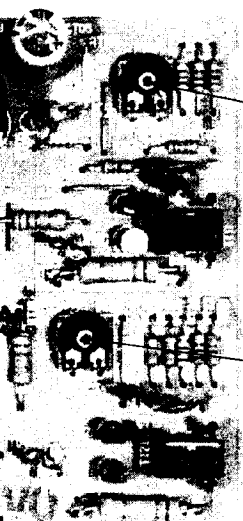
* LV 29 Subcarrier reject
Réjecteur sous-porteuse
Zwischenfallen - Unterdrückung
Rechazador de subportadora
Rigettatore sottoportante
SECAM 4,3 MHz

Comm. / Norm.
SVS

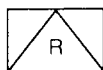


* LC 23 Bell filter
Filtre cloche
Glocken filter
Filtro campana

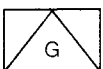
SCI



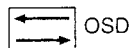
PT 12



PT 22



LR 03



LI 61 Sound rejection
Réjecteur son
Tonunterdrückung
Trampa audio
Reiettore audio

* LC 17 Red disci -
Fo disci -
Fo diskri -
Fo disci -
Fo disci -

PI 40 HF AGC

LC 13 Blue disci fo
Fo disci - bleu
Fo diskri - blau
Fo disci - azul
Fo disci - azzuro

* LV 29 Subcarrier reject
Réjecteur sous-porteuse
Zwischenfallen - Unterdrückung
Rechazador de subportadora
Rigettatore sottoportante
SECAM 4,3 MHz

* LC 23 Bell filter
Filtre cloche
Glocken filter
Filtro campana

MAIN

LC 43 Delay line
Ligne à retard
Verzögerungsleitung
Linea de retardo
Linea di ritardo



PV 79



PV 58



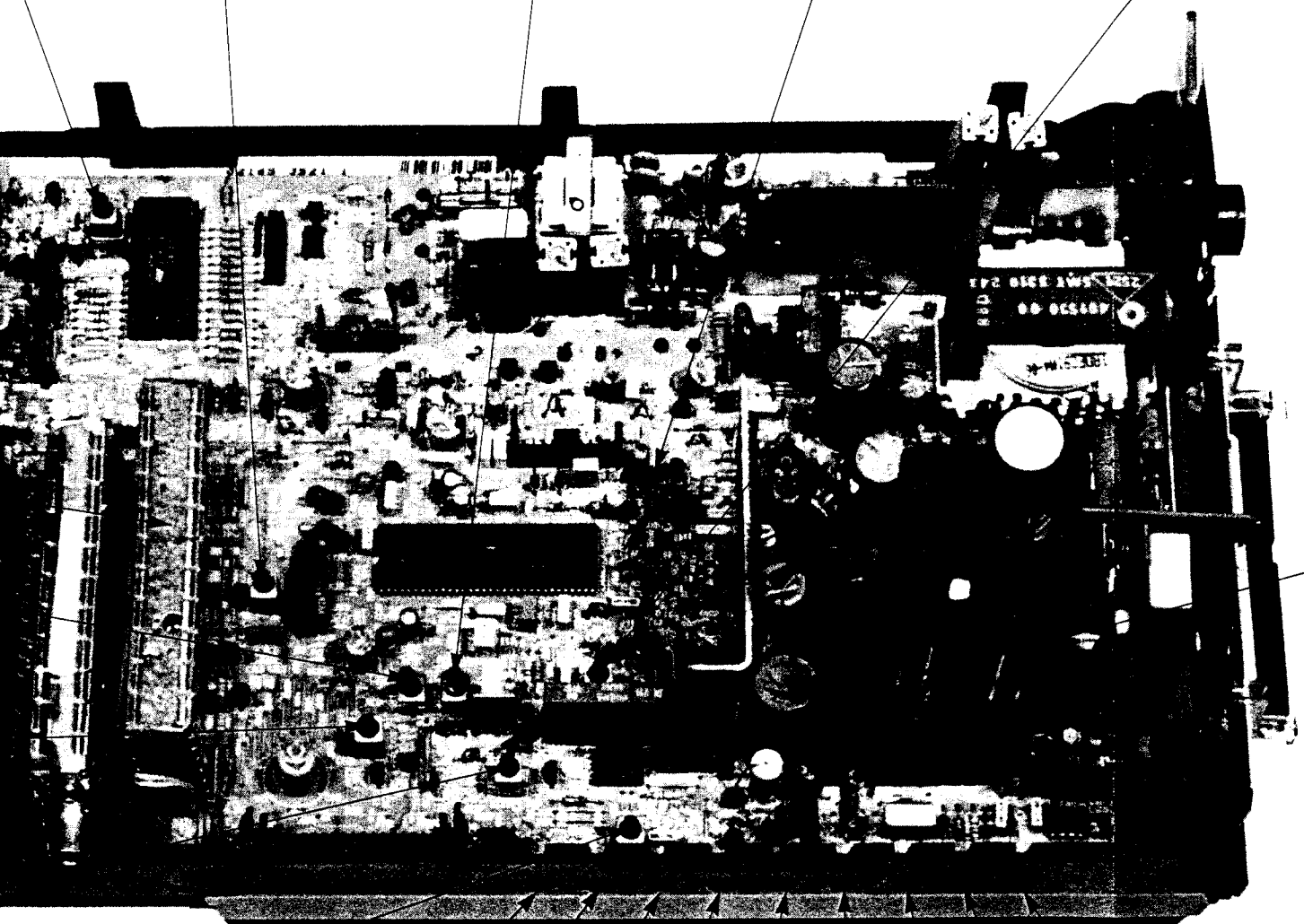
PG 20
16/9



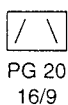
F

* : SECAM

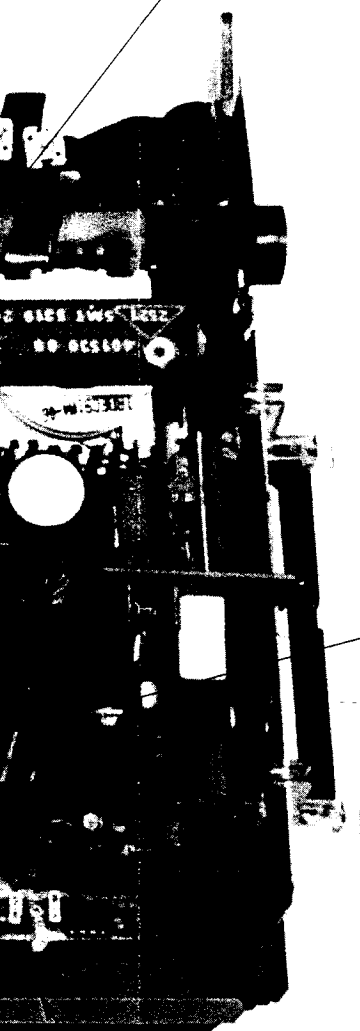
- OSD
- LI 61 Sound rejection
Réjecteur son
Tonunterdrückung
Trampa audio
Reiettore audio
- * LC 17 Red disci fo
Fo disci - rouge
Fo diskri - rot
Fo disci - rojo
Fo disci - rosso
- PP 52 V = U Syst.*
* See schema.
- * LC 54 Identification
Identification
Kennung
identificación
Identificazione



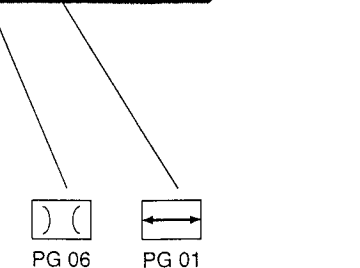
- LC 43 Delay line
Ligne à retard
Verzögerungsleitung
Linea de retardo
Linea di ritardo



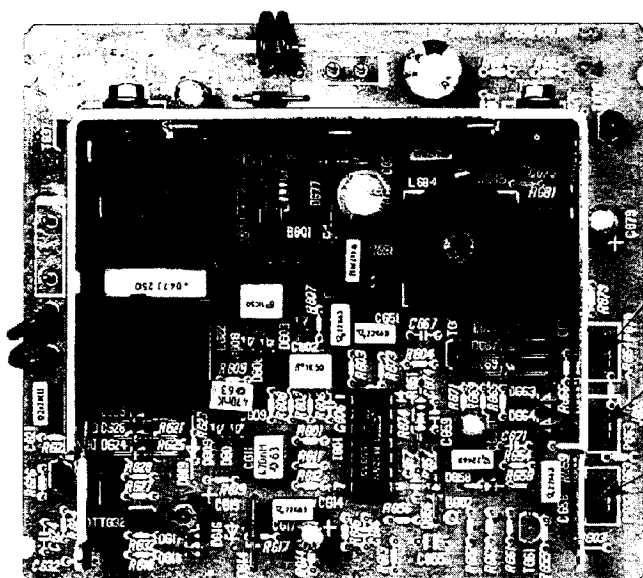
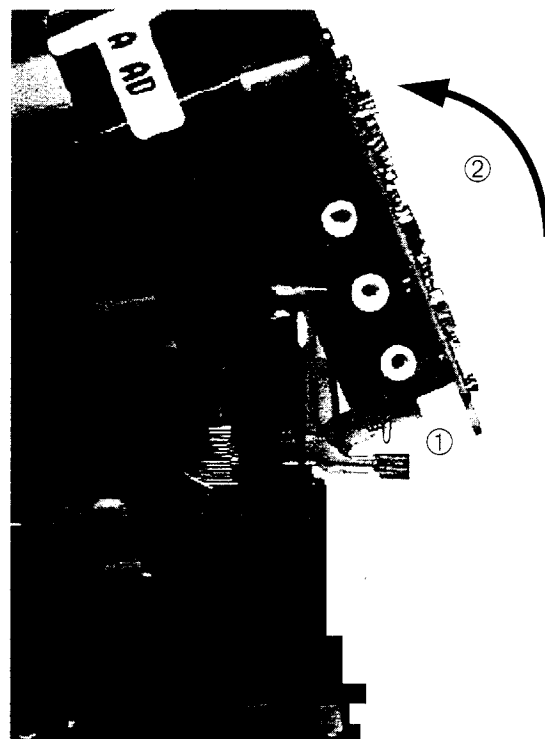
* LC 54 Identification
Identification
Kennung
identificación
Identificazione



PC 44 PAL amplitude
Amplitude PAL
PALpegel
Amplitud PAL
Ampiezza PAL



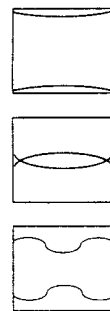
REMOVING N/S PCB
DEMONTAGE DE LA PLATINE N / S
ABNAHME N/S PLATTE
RETIRADA PLATINA N/S
SMONTAGGIO PIASTRA N/S



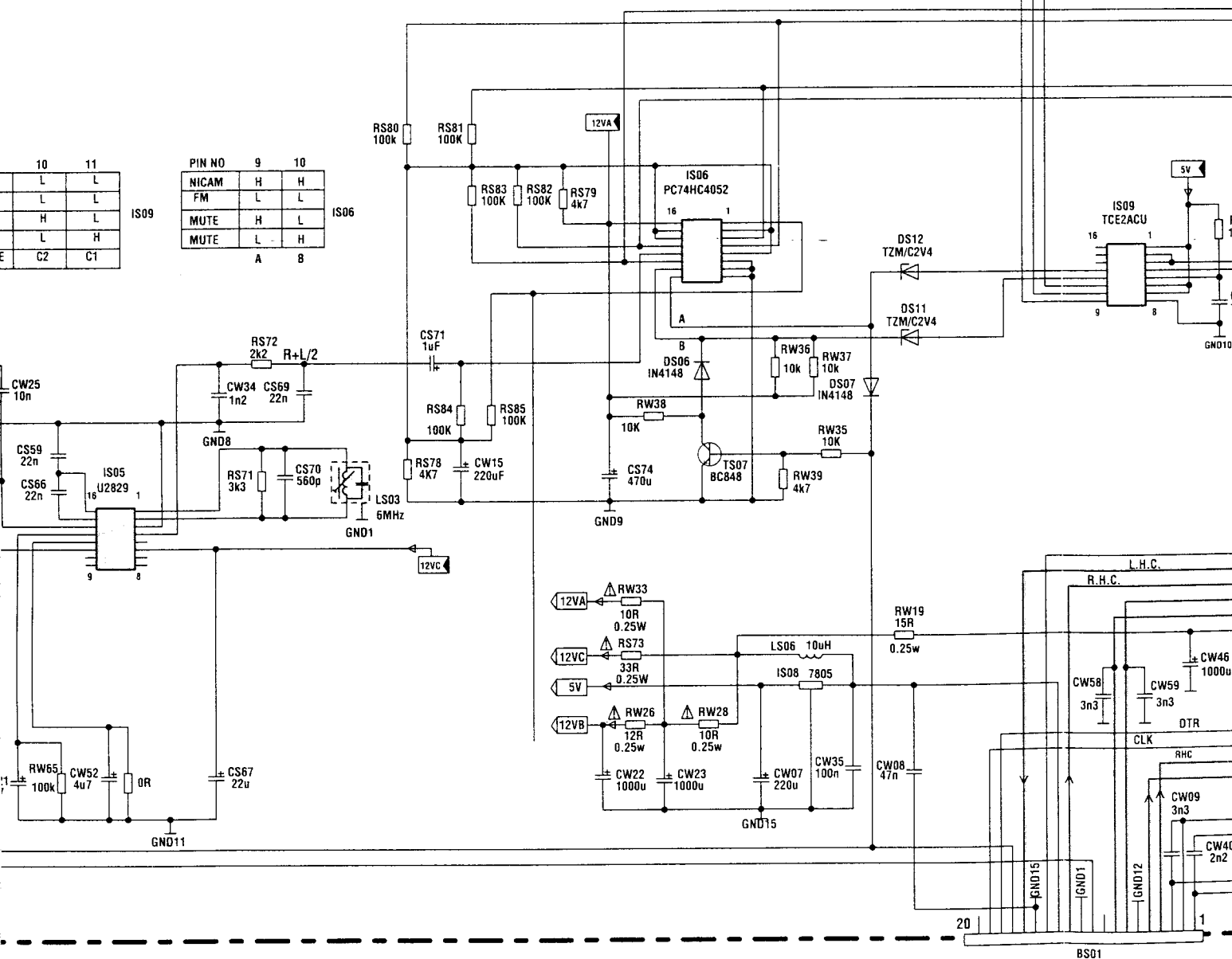
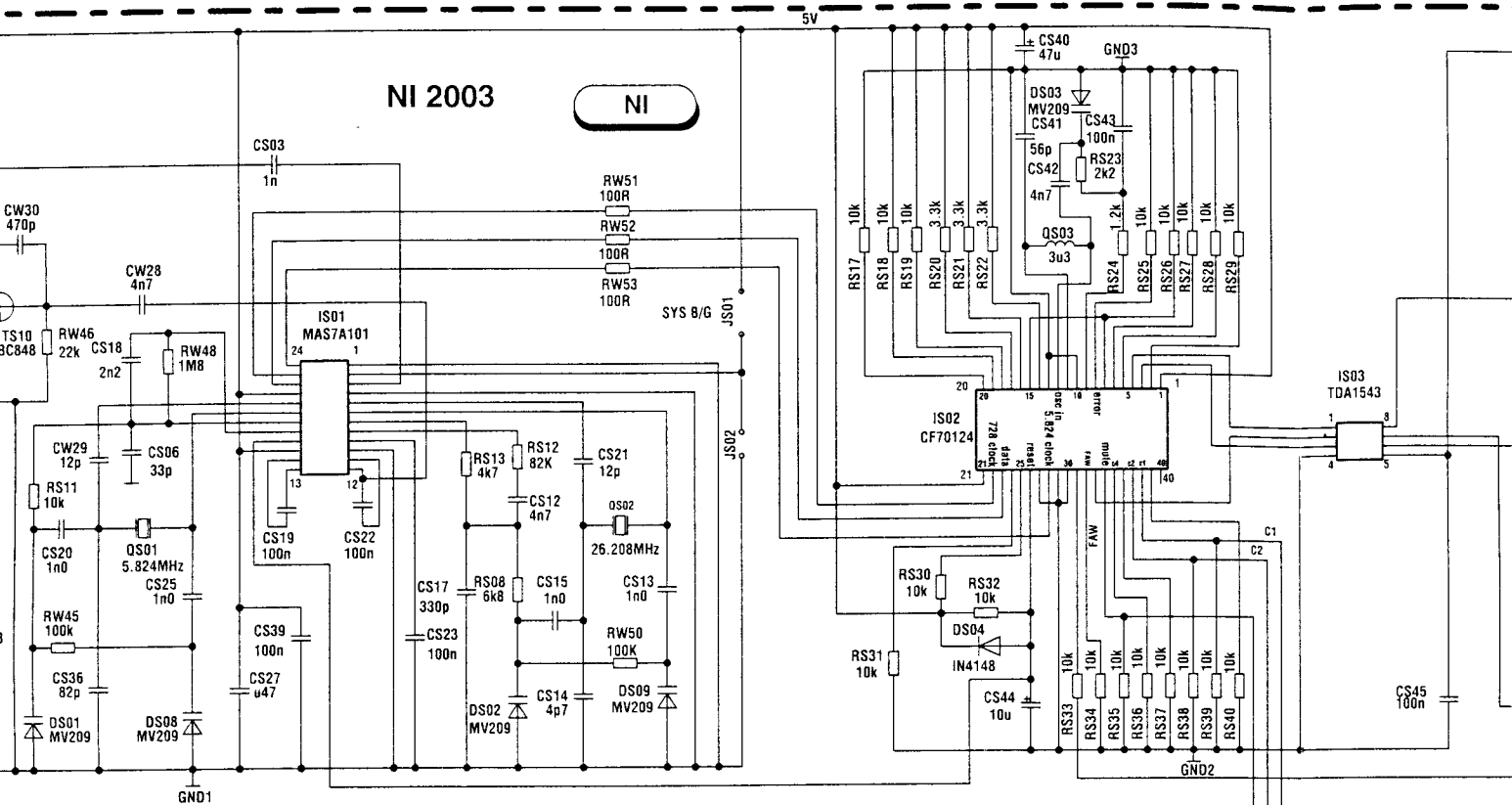
PG 79

PG 63

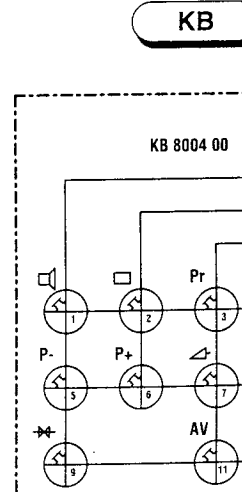
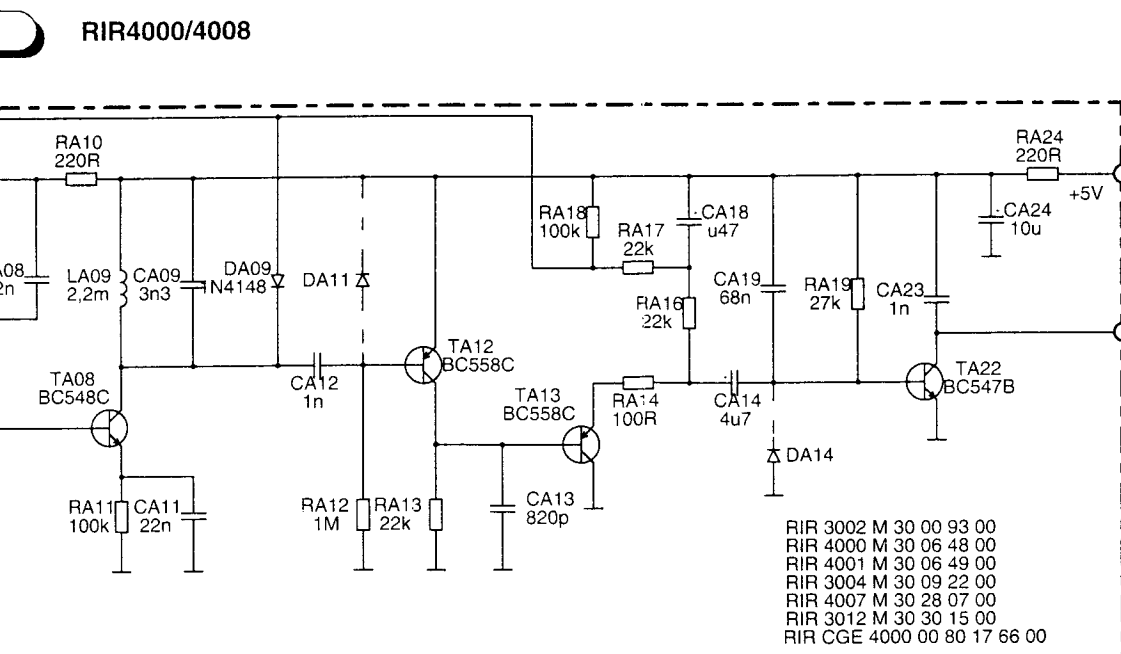
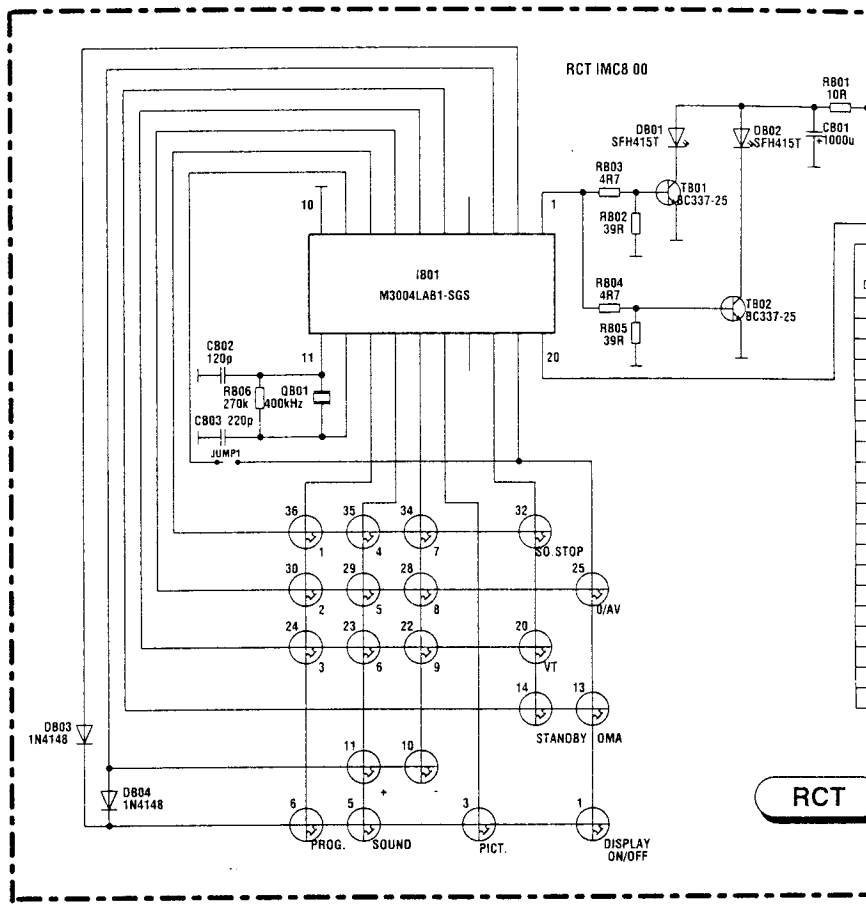
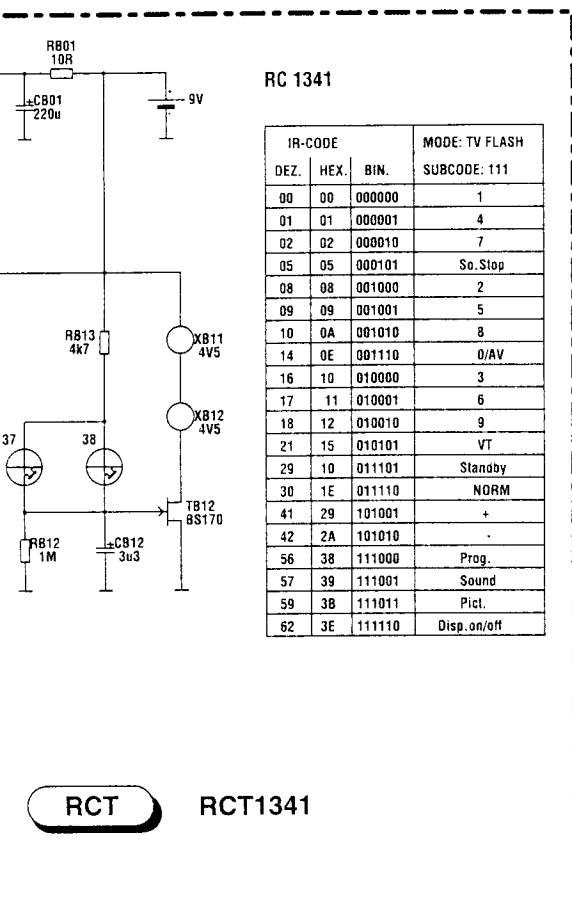
PG 32

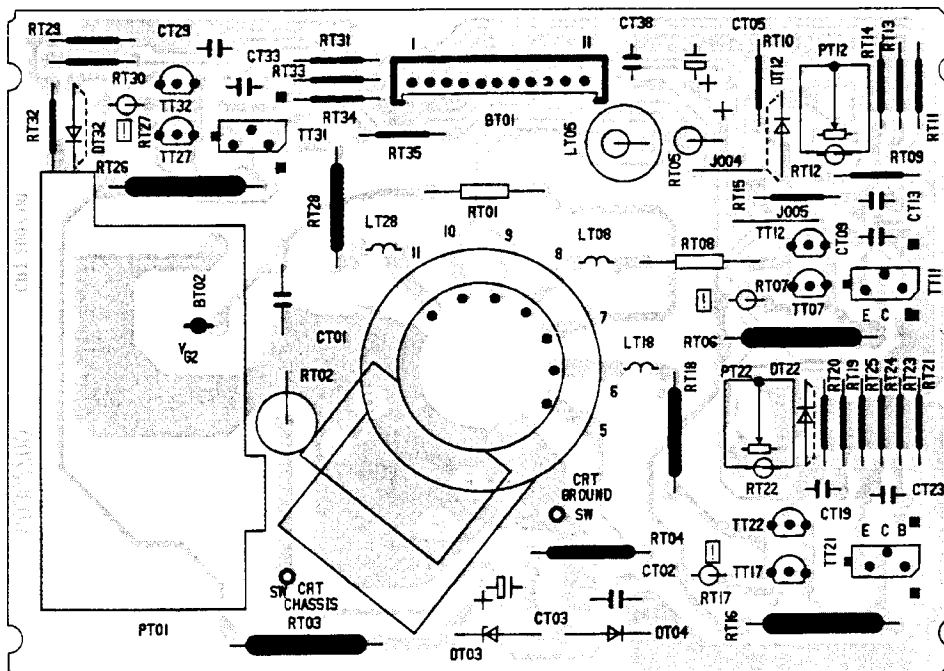
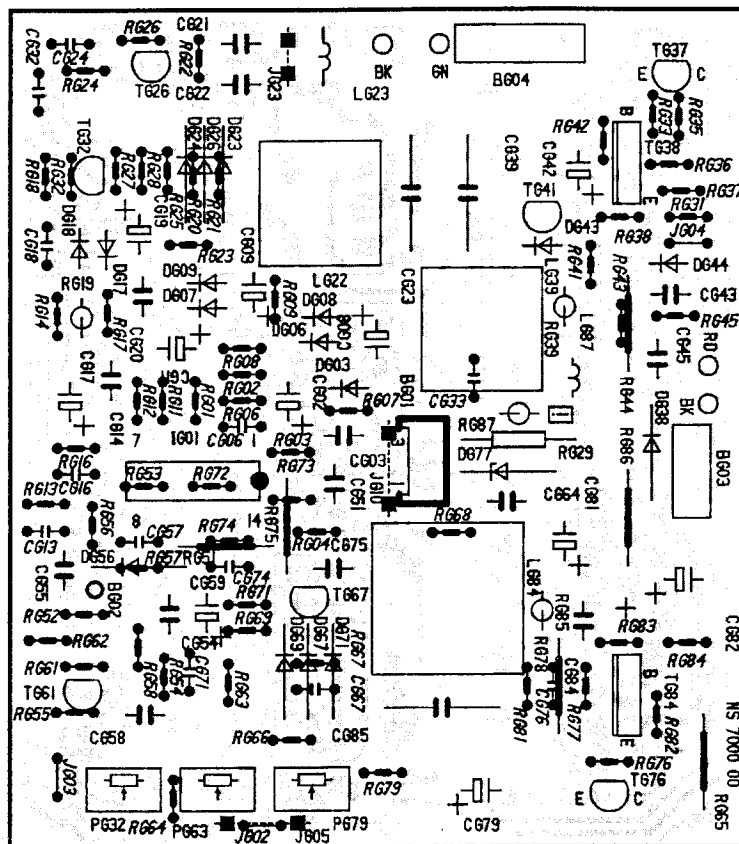


NS

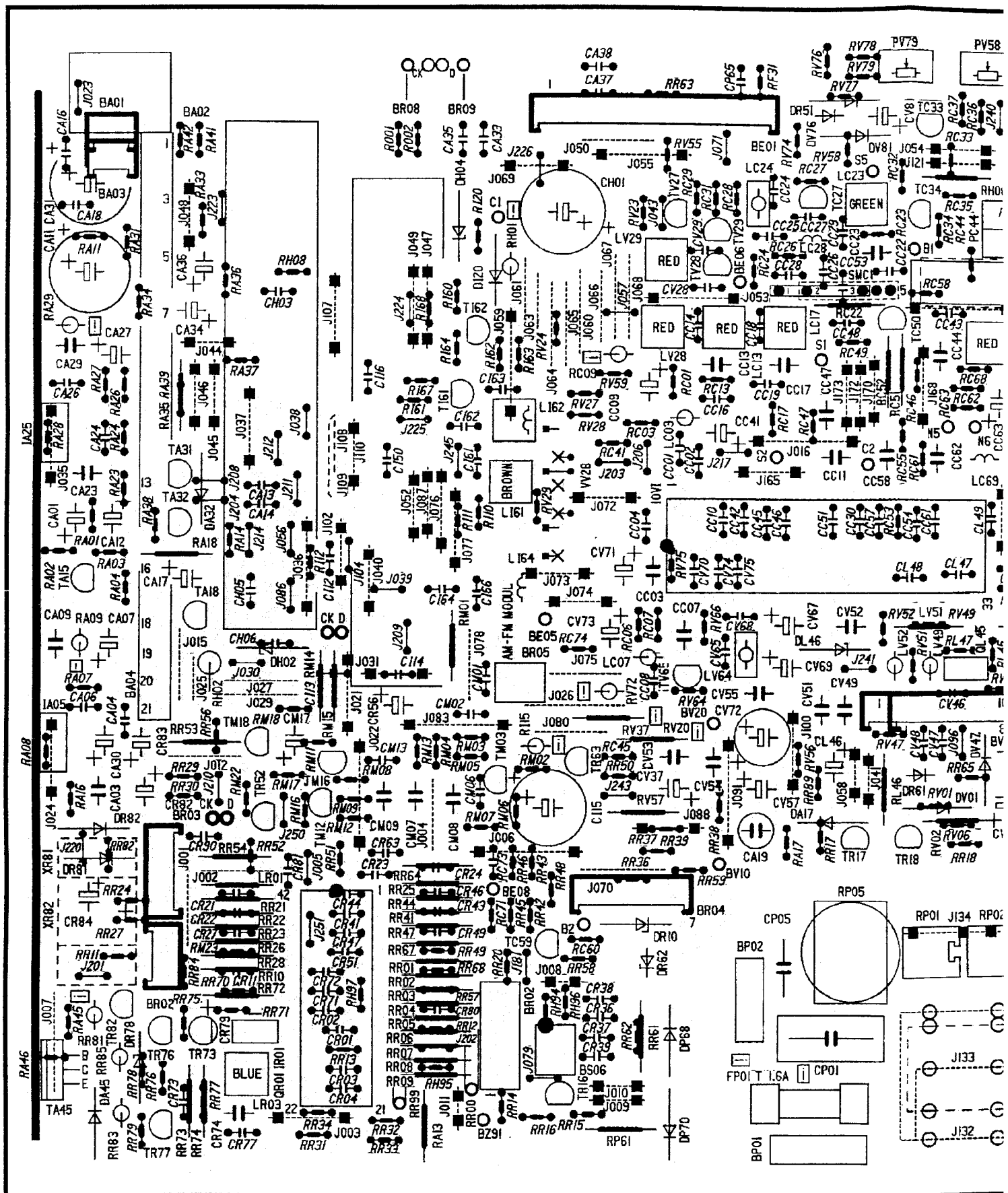






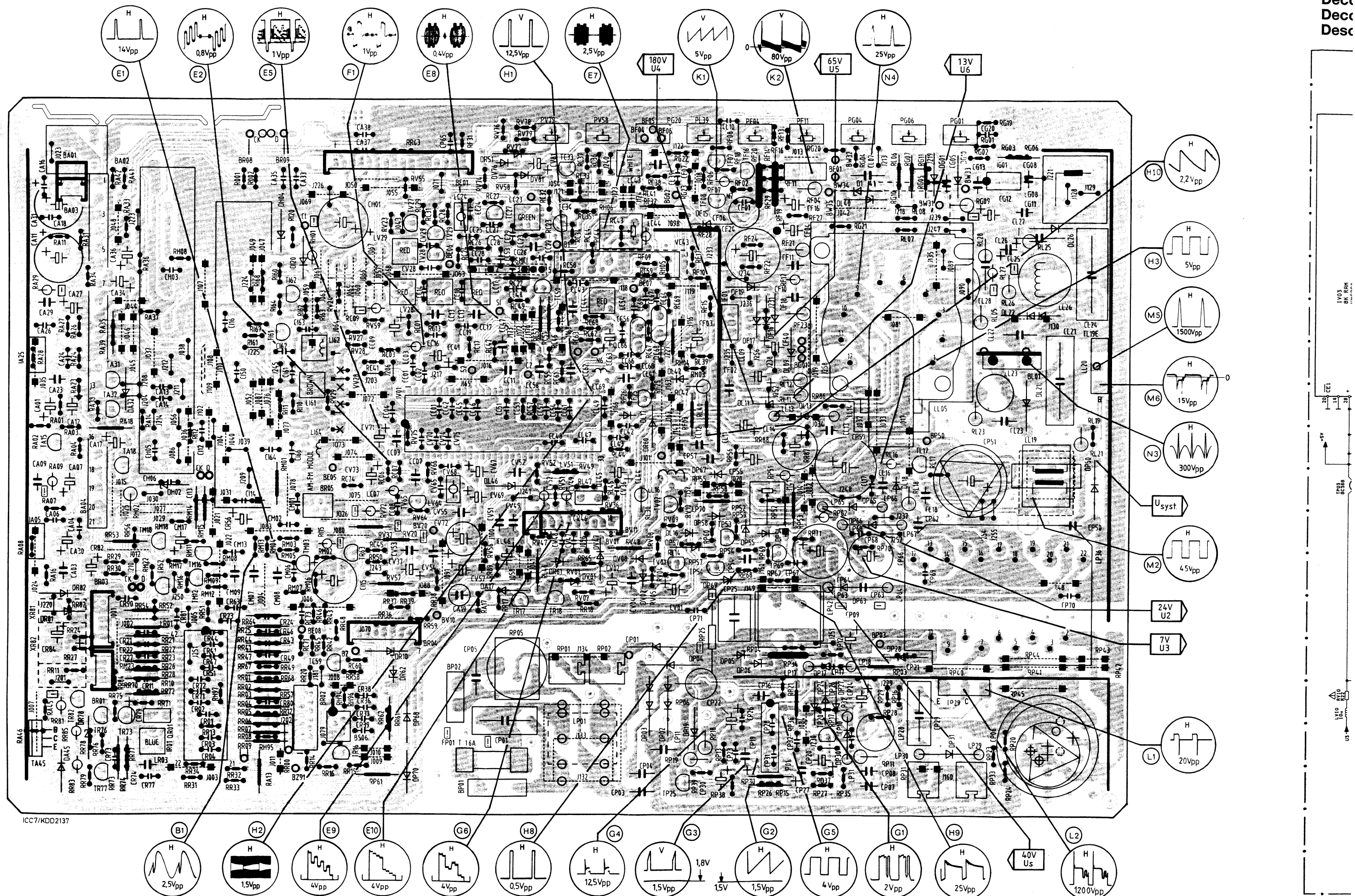


(SOLDER SIDE - COTE CUIVRE - LOTSEITE - LADO DEL COBRE - LATO SALDATURE)



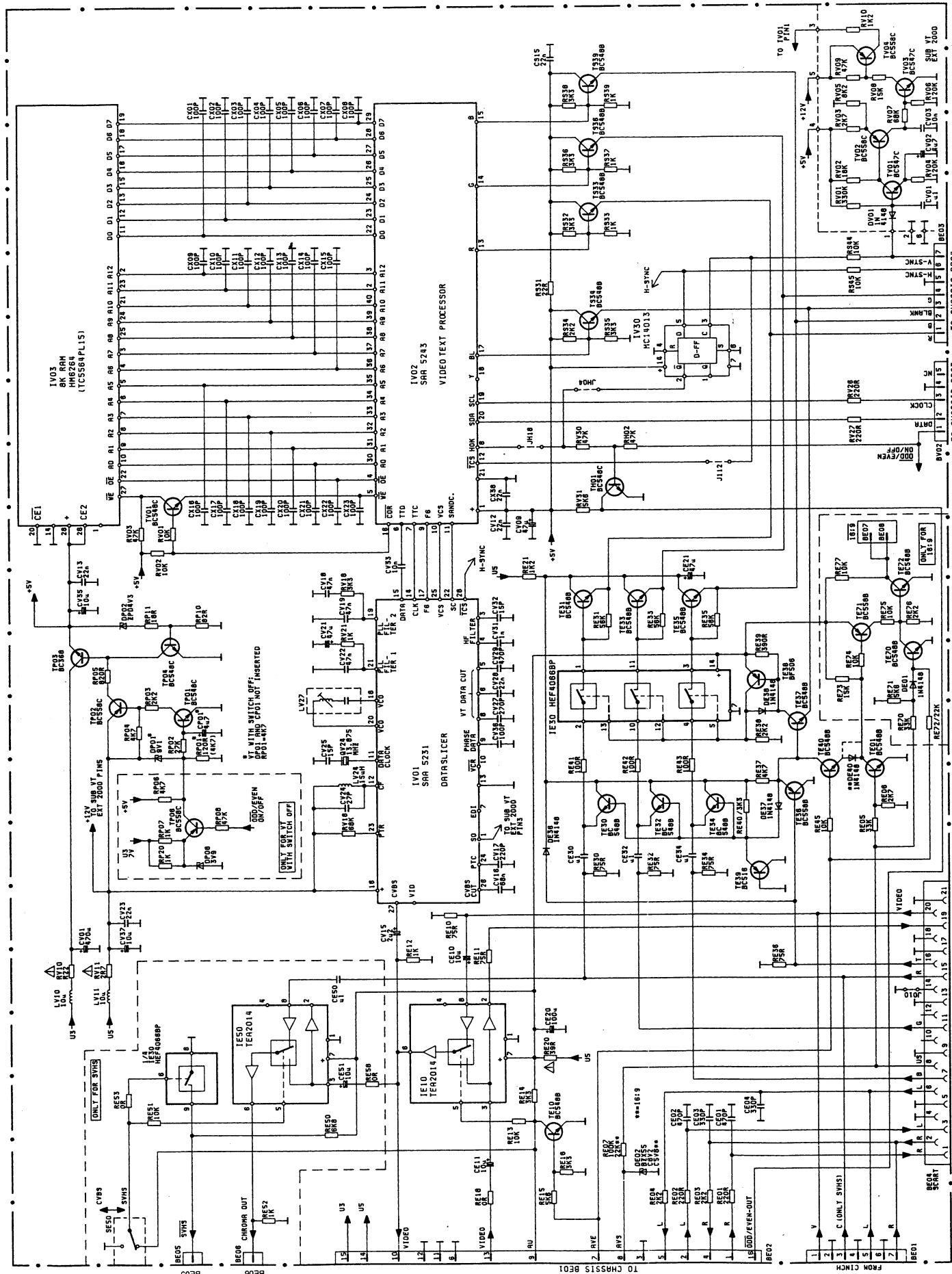
Chassis-Grundplatte · Chassis base board · Plaque de base du chassis · Piastra base telaio · Chasis placa base

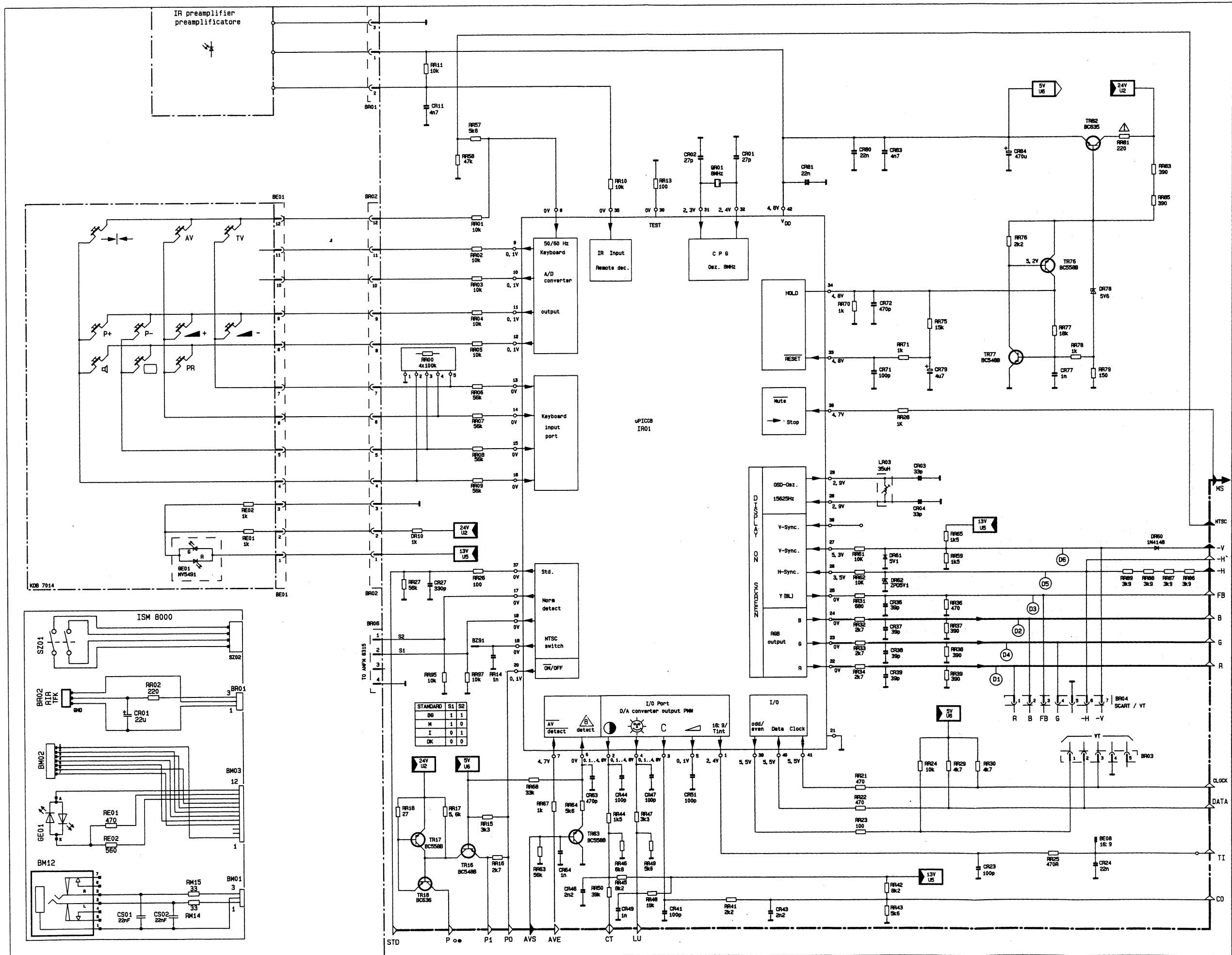
Lötseite · Solder side · Côté soudure · Lato saldature · Lado soldaduras

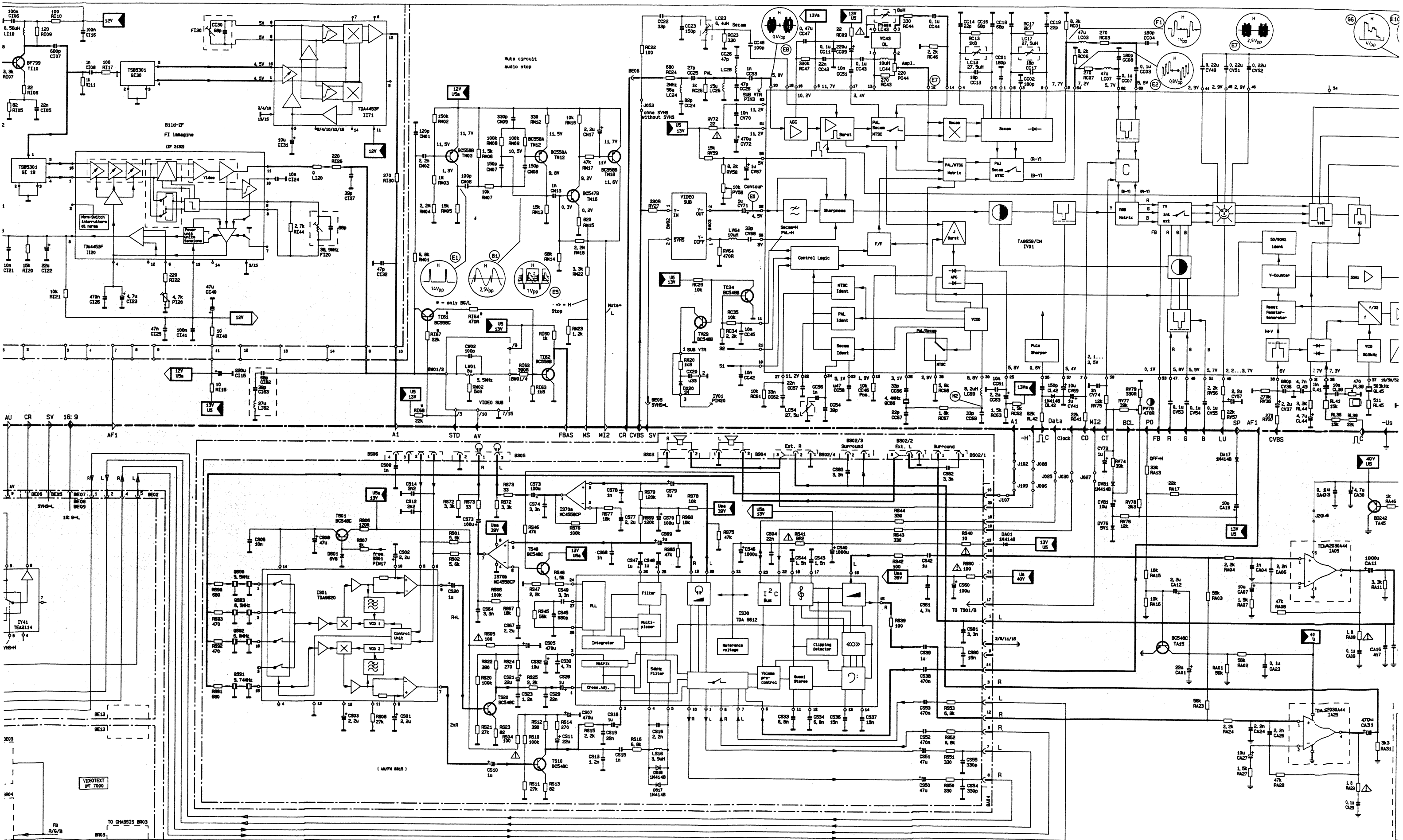


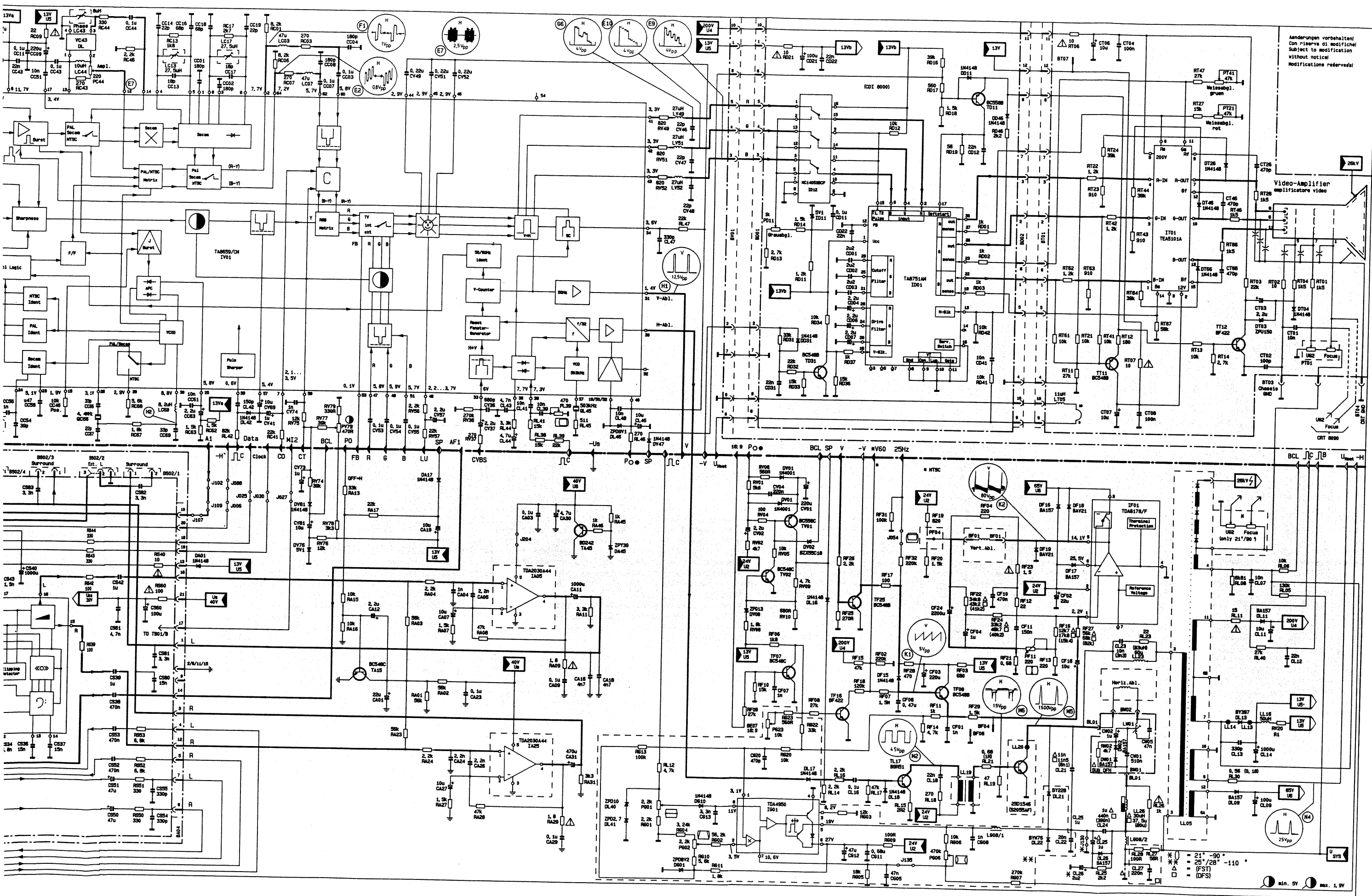
Vide
Telet
Décc
Dec
Desc

DVT 2012 SVHS
DVT 2013 SVHS/16:9
DVT 2014

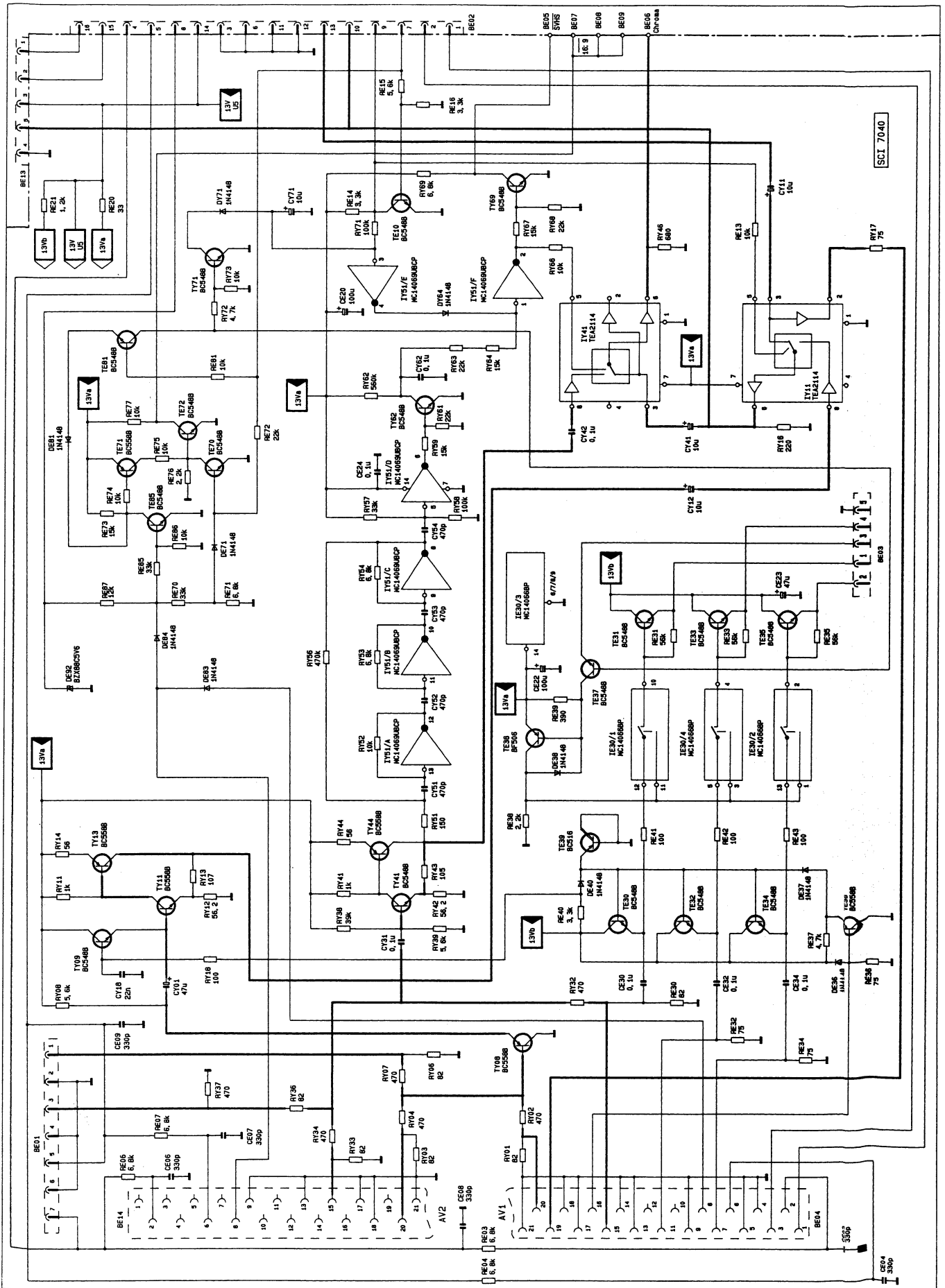




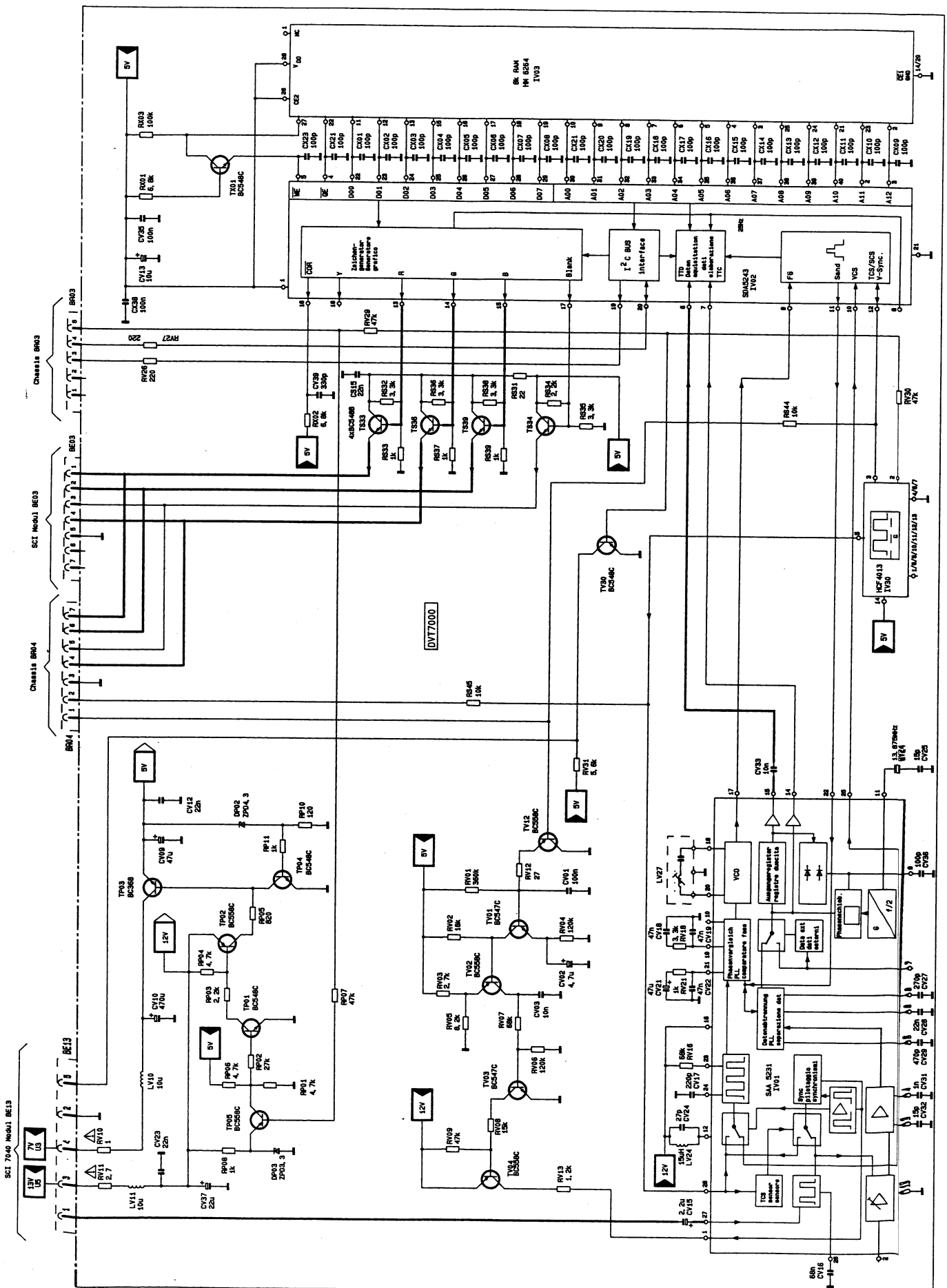


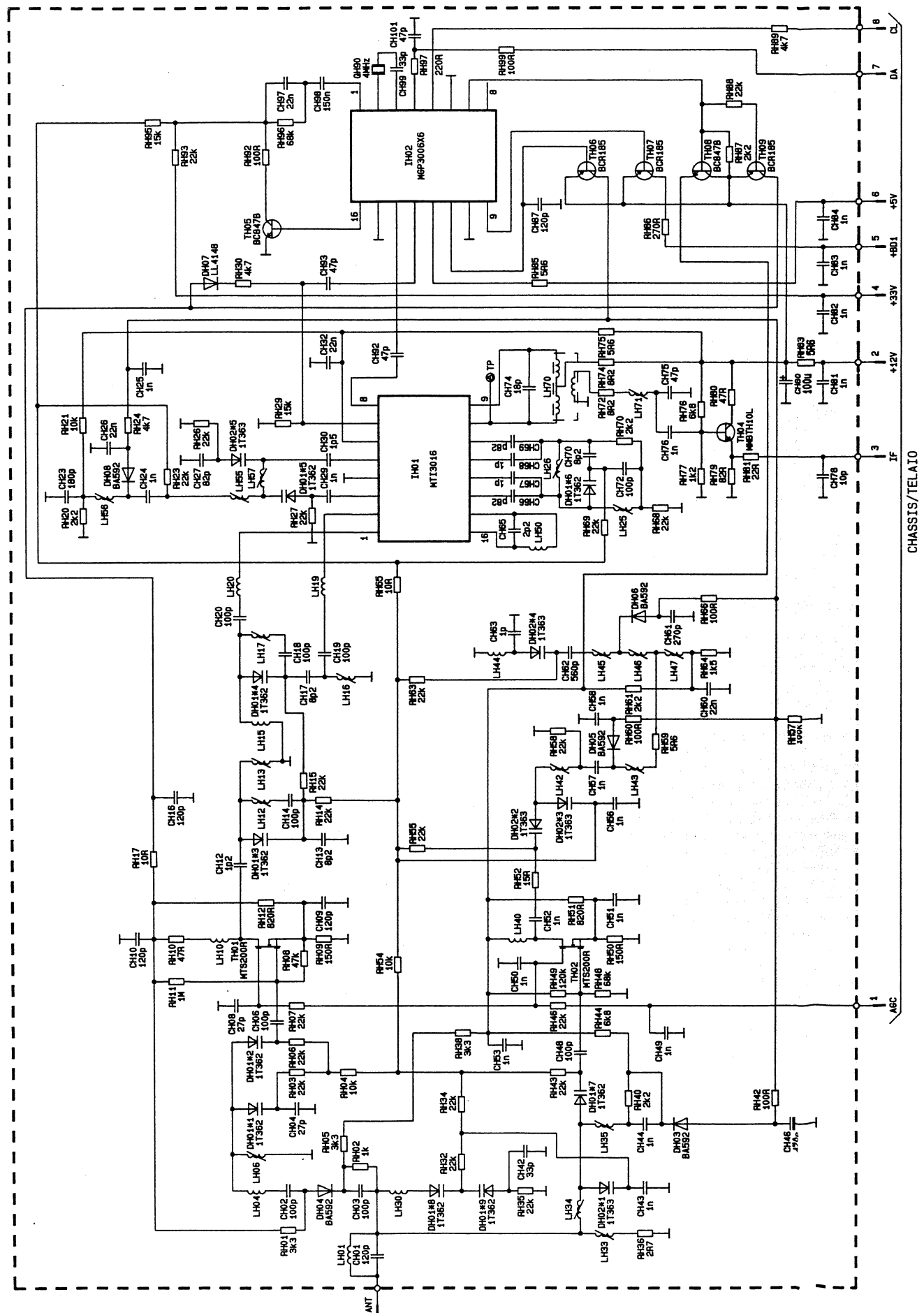


Änderungen vorbehalten!
Con riserva di modifiche!
Subject to modification
without notice!
Modifications reserved!

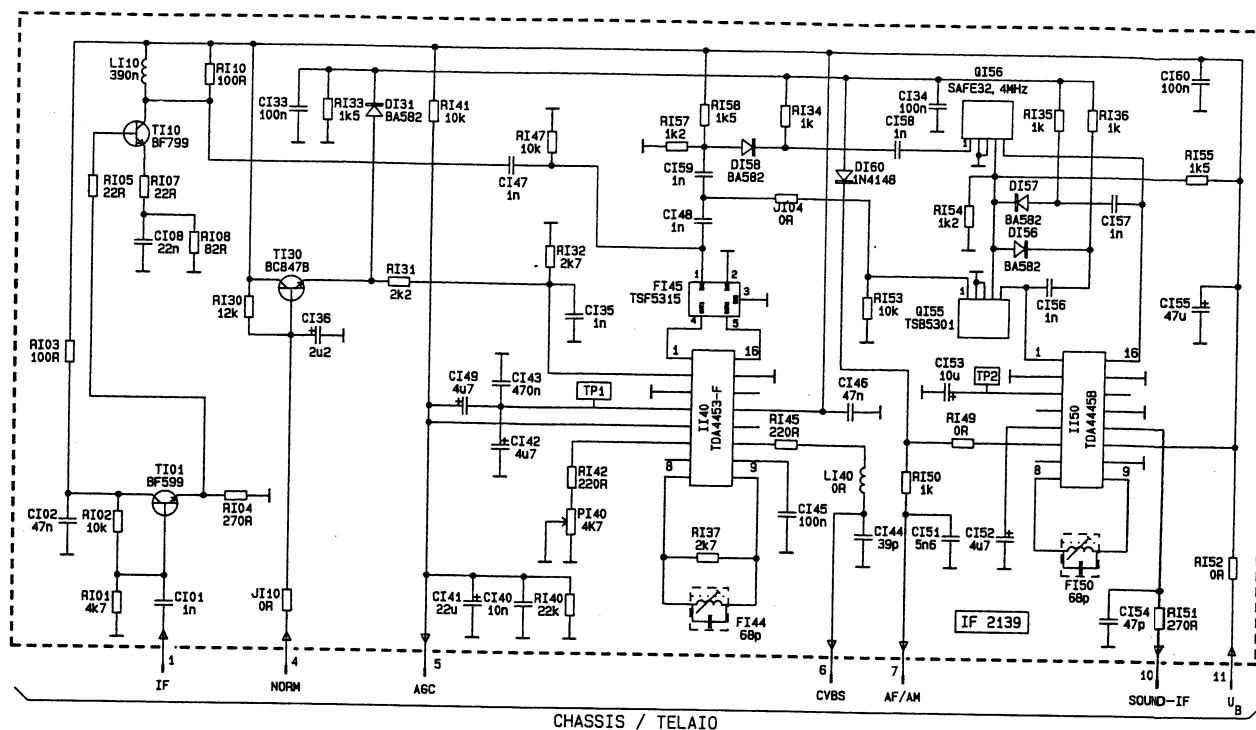


Videotext-Decoder DVT 7000 · Teletext Decoder · Décodeur Vidéotexte ·
Decoder Televideo · Descodificador Teletexto

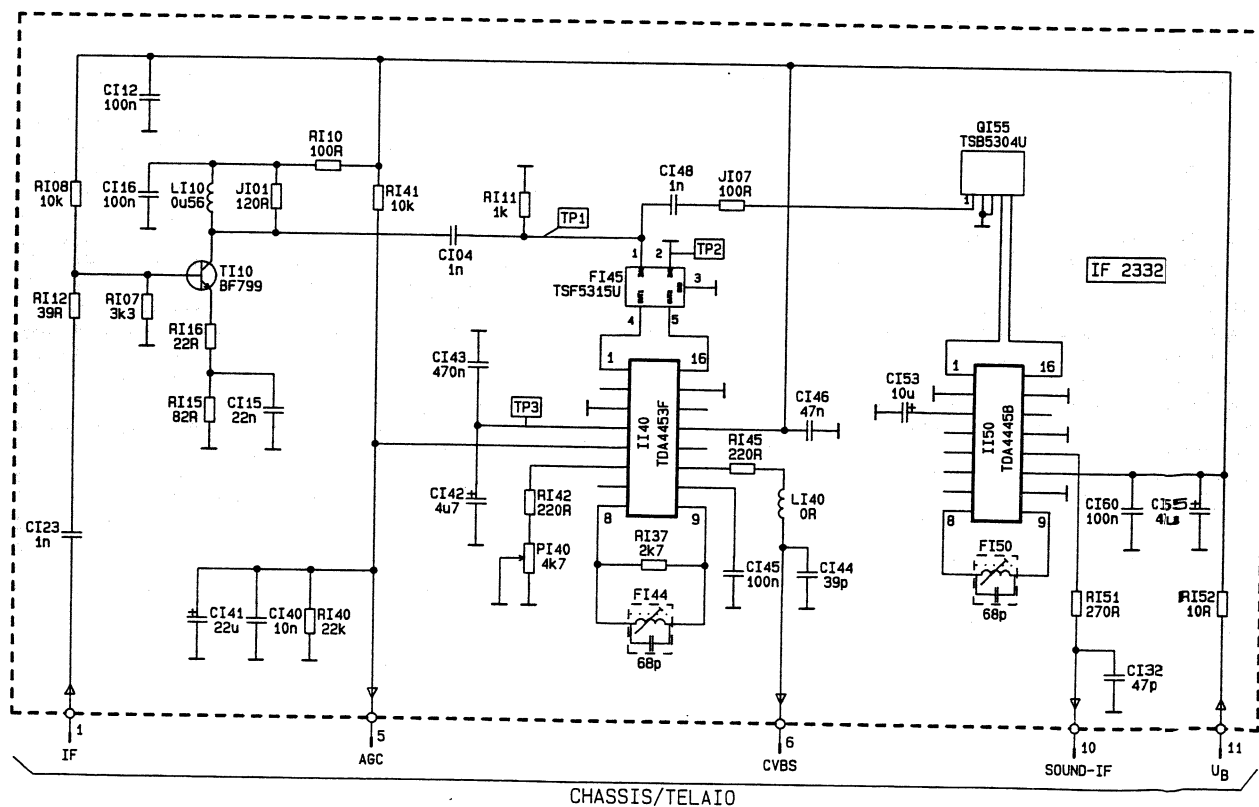




ZF-Verstärker IF 2139 · IF Amplifier · Amplificateur FI · Amplificatore FI · Amplificador I



ZF-Verstärker IF 2332 · IF Amplifier · Amplificateur FI · Amplificatore FI · Amplificador F



Ersatzteile · Spare parts list · Liste de pièces de rechange · Lista parti di ricambio Lista de piezas de recambio

Wichtig: Bei Ersatzteilbestellungen bitte unbedingt die entsprechende Bestellnummer angeben!
N.B.: When demanding Spare Parts it is absolutely necessary to quote the corresponding part number!
Important: Lors d'une commande de pièces de rechange, prière d'indiquer et tout cas le numéro de la pièce!
Importante: Ordinare sempre con il numero corrispondenti di codice!
Importante: Pedir siempre los recambios con el numero correspondiente código!

Pos.	Art.-Nr. Part No.	Bezeichnung	Part
		MODULE/AUSTAUSCHTEILE:	EXCHANGE PARTS:
AMFM8315	349.354.403	AMFM8315U LTP TON-MODUL	AMFM8315U PCB SOUND
CDI8000	349.354.409	CDI8000U LTP CUT-OFF	CDI8000U PCB CUT-OFF
DVT2013	349.353.983	DVT2013U LTP VIDEOTEXT	DVT2013U PCB TELETEXT
DVT7000	593.753	DVT7000U LTP VIDEOTEXT	DVT7000U PCB TELETEXT
IF2132	349.354.303	IF2132 ZF-VERSTÄRKER	IF2132 UNIT, IF
IF2139	349.354.322	IF2139 ZF-VERSTÄRKER	IF2139 UNIT, IF
IF2332	101.299.00	IF2332 ZF-VERSTÄRKER	IF2332 UNIT, IF
IF2339	101.298.40	IF2339 ZF-VERSTÄRKER	IF2339 UNIT
MTP2015	349.357.098	MTP-MM2015 TUNER (Hyperband)	MTP-MM2015 TUNER
MTP4015	101.112.10	MTP4015 TUNER	MTP4015 TUNER
SCI7040	349.378.174	SCI7040U LTP SCHNITTSTELLE	SCI7040U PCB INTERFACE
		BAUGRUPPEN(KEIN AUSTAUSCH):	MODULES:
CRT8011	490.007.9966	CRT8011 LTP BILDROHRANSCHLUSS	CRT8011 PCB CRT-SOCKET
CRT8050	490.007.8790	CRT8050 LTP BILDROHRANSCHLUSS	CRT8050 PCB CRT-SOCKET
CRT8090	110.073.95	CRT8090 LTP BILDROHRANSCHLUSS	CRT8090 P.C.B. CRT-SOCKET
DFH7062	490.007.8825	DFH7062 LTP SUBMODUL	DFH7062 SUB P.C.B.
LDN8006	250.569.10	LDN8006 LTP FREQUENZZWEICHE	P.C.B., FREQ. DIVIDER NETWORK
VIDEO	490.007.9938	VIDEO/8110 BG-SVHS	VIDEO/8110 PCB SUB
VIDEO	490.007.9944	VIDEO/8310 BGL-SVHS SUB MODUL	VIDEO/8310 PCB SUB
VTR7030	243.361	VTR7030 LTP SUBMODUL	VTR7030 SUB P.C.B.
		CHASSIS-TEILE	CHASSIS PARTS
BE001	239.055	Stiftgehäuse, 16polig, natur UF	16 pin contact housing
BR001	309.650.061	Stiftleiste, 3polig, rot UF	Contact strip, 3-pole, red
BR002	260.789	Stiftleiste, 12polig, schwarz	Contact strip, 12-pole, black
BR003	243.597	Stiftleiste, 5polig, UF	Contact strip, 5-pole
BR004	243.598	Stiftleiste, 7polig, natur UF	7 pin water
BS006	266.713	Stiftleiste, 4polig, schwarz	Contact strip, 4-pole, black
BV011	309.650.064	Stiftleiste, 10polig, natur UF	Contact strip, 10-pole
CA019	252.475	10UF 16V Elko Bipolar	10UF 16V E cap
CL007	207TX3126	0U01F 400V 5% Kondensator	0U01F 400V 5% Capacitor
CL009	239.094	100UF 100V 10% Elko	100UF 100V 10% E cap
CL011	239.322	10UF 250V 20% Elko	10UF 250V 20% E cap
CL013	256.729	330PF 400V 10% Keramik-Kondensator	330PF 400V 10% C cap
CL021	309.433.764	11NF 1K6V 3,5% Filmkondensator	11NF 1K6V 3,5% Film cap
CL021	309.433.771	11NSF 1K6V 3,5% KPS-Kondensator	11NSF 1K6V 3,5% Film cap
CL021	490.007.9641	6N1F 1K6V 3,5% Filmkondensator	6N1F 1K6V 3,5% Film cap
CL022	266.728	12NF 400V 5% Filmkondensator	12NF 400V 5% Film cap
CL022	309.433.772	20NF 400V 5% MKP-Kondensator	20NF 400V 5% MKPoly cap
CL023	239.096	3N3F 400V 10% MP-Kondensator	3N3F 400V 10% MPoly cap
CL024	243.539	1UF 250V 10% MP-Kondensator	1UF 250V 10% MPoly cap
CL024	309.433.765	440NF 250V 5% Filmkondensator	440NF 250V 5% Film cap
CL024	309.433.768	390NF 250V 10% Filmkondensator	390NF 250V 10% Film cap
CL025	256.728	1UF 160V Elko	1UF 160V E cap
CL026	246.576	2U2F 160V Elko	2U2F 160V E cap
CL028	207TX2633	330NF 100V 10% MP-Kondensator	330NF 100V 10% MPoly cap
CP001	252.320	0U1F 275V 20% MP-Kondensator	0U1F 275V 20% MPoly cap
CP003	100.587.40	4N7F 1KV Keramik-Kondensator	4N7F 1KV C cap
CP004	100.587.40	4N7F 1KV Keramik-Kondensator	4N7F 1KV C cap
CP006	309.418.404	150UF 385V Elko	150UF 385V E cap
CP006	490.007.9642	100UF 385V 20% Elko	100UF 385V 20% E cap
CP011	309.442.972	1NSF 1KV Keramik-Kondensator	1NSF 1KV C cap
CP024	239.137	47UF 100V 20% Elko	47UF 100V 20% E cap
CP025	309.441.640	4N7F 400V 20% Keramik-Kondensator	4N7F 400V 20% C cap
CP029	266.245	2N2F 1KV 20% MPP-Kondensator	2N2F 1KV 20% MPoly cap
CP050	266.247	100PF 1KV 20% Keramik-Kondensator	100PF 1KV 20% C cap
CP051	309.419.428	150UF 200V Elko	150UF 200V E cap
CP062	256.729	330PF 400V 10% Keramik-Kondensator	330PF 400V 10% C cap
CP063	256.852	470PF 400V 10% Keramik-Kondensator	470PF 400V 10% C cap
CW001	100.779.60	510N0F 250V 5% Filmkondensator	510N0F 250V 5% Film cap
CW002	256.728	1UF 160V Elko	1UF 160V E cap
CW005	207TX2219	47NF 250V 10% Filmkondensator	47NF 250V 10% Film cap
DA017	309.325.927	1N4148 Diode	1N4148 Diode
DA045	309.327.135	ZPY39 1,3W 2% ZENER Diode	ZPY39 1,3W 2% ZENER Diode
DF015	309.325.927	1N4148 Diode	1N4148 Diode
DF016	309.325.056	BA157 Diode SSW	BA157 Diode
DF017	309.325.056	BA157 Diode SSW	BA157 Diode
DF018	309.325.179	BAV21 Diode	BAV21 Diode
DF019	309.325.179	BAV21 Diode	BAV21 Diode

Pos.	Art.-Nr. Part No.	Bezeichnung	Part
DG001	464.371	ZPD5,1 ZENER Diode	ZPD5,1 ZENER Diode
DG010	464.452	1N4148 Diode	1N4148 Diode
DH002	256.421	ZPD5V1 ZENER Diode	ZPD5V1 ZENER Diode
DH004	309.325.172	ZPD33V 0,5W 2% ZENER Diode	ZPD33V 0,5W 2% ZENER Diode
DL000	256.333	ZPD33V 0,5W 2% ZENER Diode	ZPD33V 0,5W 2% ZENER Diode
DL009	309.325.056	BA157 Diode SSW	BA157 Diode
DL011	309.325.056	BA157 Diode SSW	BA157 Diode
DL013	266.534	BY397 Diode	BY397 Diode
DL016	309.325.927	1N4148 Diode	1N4148 Diode
DL017	309.325.927	1N4148 Diode	1N4148 Diode
DL018	309.325.927	1N4148 Diode	1N4148 Diode
DL021	266.829	BY228 Diode mit Lötstift	BY228 Diode
DL022	266.280	BYW76 Diode	BYW76 Diode
DL026	309.325.056	BA157 Diode SSW	BA157 Diode
DL040	464.597	ZPD13 ZENER Diode	ZPD13 ZENER Diode
DL041	464.387	ZPD2,7 ZENER Diode	ZPD2,7 ZENER Diode
DL042	309.325.927	1N4148 Diode	1N4148 Diode
DL046	256.736	ZPD9V1 ZENER Diode	ZPD9V1 ZENER Diode
DP001	309.325.163	BY255 Diode	BY255 Diode
DP002	309.325.163	BY255 Diode	BY255 Diode
DP003	309.325.163	BY255 Diode	BY255 Diode
DP004	309.325.163	BY255 Diode	BY255 Diode
DP017	309.325.056	BA157 Diode SSW	BA157 Diode
DP019	309.325.056	BA157 Diode SSW	BA157 Diode
DP024	273TX0025	1N4001 Diode	1N4001 Diode
DP026	273TX0025	1N4001 Diode	1N4001 Diode
DP027	273TX0025	1N4001 Diode	1N4001 Diode
DP028	309.325.056	BA157 Diode SSW	BA157 Diode
DP030	309.325.056	BA157 Diode SSW	BA157 Diode
DP031	339.529.958	BYT13-600 Diode	BYT13-600 Diode
DP050	266.047	BY399S Diode	BY399S Diode
DP054	309.325.927	1N4148 Diode	1N4148 Diode
DP055	273.434	BZX55B5V1 ZENER Diode	BZX55B5V1 ZENER Diode
DP057	309.325.927	1N4148 Diode	1N4148 Diode
DP058	309.325.927	1N4148 Diode	1N4148 Diode
DP063	256.298	BYW72 Diode	BYW72 Diode
DP065	266.534	BY397 Diode	BY397 Diode
DP066	266.534	BY397 Diode	BY397 Diode
DP067	309.325.927	1N4148 Diode	1N4148 Diode
DP068	309.325.927	1N4148 Diode	1N4148 Diode
DP069	309.325.179	BAV21 Diode	BAV21 Diode
DP070	309.325.179	BAV21 Diode	BAV21 Diode
DR051	309.325.927	1N4148 Diode	1N4148 Diode
DR060	309.325.927	1N4148 Diode	1N4148 Diode
DR061	256.418	BZX55CSV1 ZENER Diode	BZX55CSV1 ZENER Diode
DR062	256.418	BZX55CSV1 ZENER Diode	BZX55CSV1 ZENER Diode
DR078	256.299	ZPD5,6 0,5W 2% ZENER Diode	ZPD5,6 0,5W 2% ZENER Diode
DV001	309.325.927	1N4148 Diode	1N4148 Diode
DV002	309.325.122	BZX55C18 Z-Diode	BZX55C18 Z-Diode
DV003	309.325.927	1N4148 Diode	1N4148 Diode
DV008	351.102.3000	BZX55C13V Diode	BZX55C13V Diode
DV047	309.325.927	1N4148 Diode	1N4148 Diode
DV076	256.418	BZX55CSV1 ZENER Diode	BZX55CSV1 ZENER Diode
DV081	309.325.927	1N4148 Diode	1N4148 Diode
DW001	309.325.927	1N4148 Diode	1N4148 Diode
DW002	309.325.056	BA157 Diode SSW	BA157 Diode
DX020	309.325.927	1N4148 Diode	1N4148 Diode
FPA01	309.627.508	T 1,6A Sicherung	T 1,6A Fuse
IA005	309.368.547	TDA2030A44 20W IC	TDA2030A44 IC
IA005	849.380.0017	Montageclip	Clip total
IA025	309.368.547	TDA2030A44 20W IC	TDA2030A44 IC
IA025	849.380.0017	Montageclip	Clip total
IF001	252.593	Silikonscheibe	Silicon plate
IF001	309.368.548	TDA8178FS IC	TDA8178FS IC
IF001	849.380.0017	Montageclip	Clip total
IP001	309.368.549	TEA2261 IC	TEA2261 IC
IR001	309.368.970	ST6395B1/NX ICC8-B35 IC	ST6395B1/NX ICC8-B35 IC
IR001	309.689.966	IC-Fassung, 42polig	IC socket, 42Pole
IR001	490.007.9936	ST6395B1/NL ICC8-B33 IC	ST6395B1/NL IC
IV001	256.390	TA8659N IC	TA8659N IC
LC003	339.349.053	47UH Drossel	47UH choke coil
LC007	339.349.053	47UH Drossel	47UH choke coil
LC013	309.249.328	27USH 4M43HZ 7X7 Filter	27USH 4M43HZ 7X7 Filter
LC017	309.249.328	27USH 4M43HZ 7X7 Filter	27USH 4M43HZ 7X7 Filter
LC023	309.249.329	6U4H 4M286HZ Filter	6U4H 4M286HZ Filter
LC024	339.349.563	56UH Drossel	56UH choke coil
LC028	266.408	10UH Drossel	10UH choke coil
LC043	243.053	10UH Filter	10UH filter
LC044	426.035	8U2H 10% Drossel	8U2H 10% choke
LC054	309.249.369	27USH Filter	27USH Filter
LC069	426.035	8U2H 10% Drossel	8U2H 10% choke
LI062	309.250.001	27UH 5% Drossel	27UH 5% choke coil
LL005	309.311.979	Diodesplit trafo (25/28"-110")	Diodesplit trafo (25/28"-110")
LL005	490.007.9643	Diodesplit trafo (21"/90")	Diodesplit trafo (21"/90")
LL016	309.250.964	50UH 15% Drossel	50UH 15% choke

Pos.	Art.-Nr. Part No.	Bezeichnung	Part
LL019	309.309.987	Treibertransformator	Driver transformer
LL023	101.069.70	70UH 4% Drossel	70UH 4% Choke coil
LL023	266.635	83UH 5% Drossel	83UH 5% Choke coil
LL026	309.249.327	30UH Spule, H-Linearität	30UH H-Linearity coil
LL026	387.723.0000	80UH 15% Spule, H-Linearität	80UH 15% H-Linearity coil
LP001	309.259.011	Siebdrossel	Filter choke
LP028	387.721.8000	4UH 10% Spule	4UH 10% Coil
LP036	101.117.90	Trafo, Schaltnetzteil (25/28"-110")	Switched mode power transformer
LP036	490.007.9644	Trafo, Schaltnetzteil (21/90")	Switched mode power transformer
LP042	261.824	Impulsüberträger	Pulse transformer
LP070	266.189	6UH 10% Drossel	6UH 10% Choke
LP070	276.155	15R 0,3W 5% Sicherheitswiderstand	15R 0,3W 5% Fusible resistor
LR003	309.249.375	35UH Spule	35UH Coil
LV049	339.349.763	27UH 5% Drossel	27UH 5% Choke coil
LV051	339.349.718	27UH Spule	27UH Coil
LV052	339.349.763	27UH 5% Drossel	27UH 5% Choke coil
LV064	256.493	22UH 10% Drossel	22UH 10% Choke
LW001	100.889.70	5M5HZ 7X7 Filter	5M5HZ 7X7 Filter
LW002	309.249.328	27U5H 4M43HZ 7X7 Filter	27U5H 4M43HZ 7X7 Filter
LW003	246.756	10UH 10% Drossel	10UH 10% Choke coil
LW004	243.713	12UH 5% Drossel	12UH 5% Choke coil
LW009	309.249.328	27U5H 4M43HZ 7X7 Filter	27U5H 4M43HZ 7X7 Filter
PC044	276.793	220R Trimmwiderstand	220R Trimmer resistor
PF004	309.639.036	Dreheschalter	Rotary switch
PF011	309.509.167	220R Trimmwiderstand	220R Trimmer resistor
PG001	309.509.133	2K2R 20% Trimmwiderstand, V	2K2R 20% Trimmer resistor
PG004	309.509.133	2K2R 20% Trimmwiderstand, V	2K2R 20% Trimmer resistor
PL039	309.509.159	470R 20% Trimmwiderstand, H	470R 20% Trimmer resistor
PP052	407.750	470R Trimmwiderstand	470R Trimmer resistor
PV058	309.509.126	10KR 20% Trimmwiderstand, liegend	10KR 20% Trimmer resistor
PV079	339.509.530	1KR 20% Trimmwiderstand, H	1KR 20% Trimmer resistor
QC066	468.031	4,433619MHz Quarz	4,433619MHz Crystal
QL045	309.160.840	CSB503B Keramikfilter	CSB503B Ceramic filter
QR001	309.335.715	8MOHZ Quarz	8MOHZ Crystal
RA009	256.732	1R8 0,3W 5% Sicherheitswiderstand	1R8 0,3W 5% Fusible resistor
RA029	256.732	1R8 0,3W 5% Sicherheitswiderstand	1R8 0,3W 5% Fusible resistor
RC009	309.580.955	22R 0,3W 5% Sicherheitswiderstand	22R 0,3W 5% Fusible resistor
RF004	309.534.889	220R 0,7W 2% Metallfilmwiderstand	220R 0,7W 2% Metal film resistor
RF007	309.532.665	1M5R 0,25W 2% Metallfilmwiderstand	1M5R 0,25W 2% Metal film resistor
RF012	309.580.955	22R 0,3W 5% Sicherheitswiderstand	22R 0,3W 5% Fusible resistor
RF019	243.536	820R 0,4W 2% Metallfilmwiderstand	820R 0,4W 2% Metal film resistor
RF020	246.457	1K5R 0,4W 1% Metallfilmwiderstand	1K5R 0,4W 1% Metal film resistor
RF021	239.087	0R68 0,7W 10% Metalloxyd-widerstand	0R68 0,7W 10% Metal oxide resistor
RF023	243.743	1R5 0,5W 5% Sicherheitswiderstand	1R5 0,5W 5% Fusible resistor
RH001	253.747	5R6 0,3W 5% Sicherheitswiderstand	5R6 0,3W 5% Fusible resistor
RH001	309.580.955	22R 0,3W 5% Sicherheitswiderstand	22R 0,3W 5% Fusible resistor
RH002	256.722	82R 2,24W 5% Drahtwiderstand	82R 2,24W 5% Wire resistor
RI015	339.537.716	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor
RL005	413.087.09	113KR 0,4W 1% Metallfilmwiderstand	113KR 0,4W 1% Metal film resistor
RL011	243.950	15R 0,5W 5% Sicherheitswiderstand	15R 0,5W 5% Fusible resistor
RL012	309.556.277	4K7R 3W 5% Drahtwiderstand	4K7R 3W 5% Wire resistor
RL018	309.556.278	270R 3W 5% Drahtwiderstand	270R 3W 5% Wire resistor
RL021	309.556.275	0R68 3W 5% Drahtwiderstand	0R68 3W 5% Wire resistor
RL021	490.007.9645	1R 3W 5% Drahtwiderstand	1R 3W 5% Wire resistor
RL023	309.556.280	22R 3W 5% Drahtwiderstand	22R 3W 5% Wire resistor
RL023	703.740.00	39R 3W 5% Drahtwiderstand	39R 3W 5% Wire resistor
RL025	309.580.971	2K2R 0,5W 5% Sicherheitswiderstand	2K2R 0,5W 5% Fusible resistor
RL026	239.091	1KR 0,5W 5% Sicherheitswiderstand	1KR 0,5W 5% Fusible resistor
RL027	309.580.970	56R 0,3W 5% Sicherheitswiderstand	56R 0,3W 5% Fusible resistor
RL028	309.556.262	100R 3W 5% Drahtwiderstand	100R 3W 5% Wire resistor
RL030	246.355	0R56 0,5W 5% Metalloxyd-widerstand	0R56 0,5W 5% Metal oxide resistor
RL030	490.007.9647	0R18 0,7W 10% Metalloxyd-widerstand	0R18 0,7W 10% Metal oxide resistor
RL042	339.529.957	ZPD24 ZENER Diode	ZPD24 ZENER Diode
RP001	246.454	1R2 7W 10% Drahtwiderstand	1R2 7W 10% Wire resistor
RP002	246.454	1R2 7W 10% Drahtwiderstand	1R2 7W 10% Wire resistor
RP005	309.560.952	25R PTC-Widerstand	25R PTC resistor
RP006	490.007.9648	27KR 4W 5% Metalloxyd-widerstand	27KR 4W 5% Metal oxide resistor
RP018	256.930	22R 2W 5% Metalloxyd-widerstand	22R 2W 5% Metal oxide resistor
RP018	309.556.312	18R 2W 5% Metalloxyd-widerstand	18R 2W 5% Metal oxide resistor
RP025	406.517	10MR 0,7W 5% Schichtwiderstand	10MR 0,7W 5% Film resistor
RP031	246.455	150R 9W 5% Drahtwiderstand	150R 9W 5% Wire resistor
RP033	246.455	150R 9W 5% Drahtwiderstand	150R 9W 5% Wire resistor

Pos.	Art.-Nr. Part No.	Bezeichnung	Part
RP051	309.541.641	88K7R 0,4W 1% Metallfilmwiderstand	88K7R 0,4W 1% Metal film resistor
RP062	239.350	0R1 2W 10% Drahtwiderstand	0R1 2W 10% Wire resistor
RP062	242.019	0R1 0,4W 10% Sicherheitswiderstand	0R1 0,4W 10% Fusible resistor
RR000	309.561.933	100KRx4 125MW 5% Widerstandsnetzwerk	100KRx4 125MW 5% Resistor netw.
RR081	309.580.983	220R 0,3W 5% Sicherheitswiderstand	220R 0,3W 5% Fusible resistor
RV020	309.580.974	0R1 0,4W 10% Sicherheitswiderstand	0R1 0,4W 10% Fusible resistor
RV072	309.580.955	22R 0,3W 5% Sicherheitswiderstand	22R 0,3W 5% Fusible resistor
RW001	339.537.716	10R 0,3W 5% Sicherheitswiderstand	10R 0,3W 5% Fusible resistor
RW002	101.202.40	4K7R 0,7W 5% Sicherheitswiderstand, NB	4K7R 0,7W 5% Fusible resistor
SV001	490.007.9938	VIDEO/8110 BG-SVHS	VIDEO/8110 PCB SUB
TA015	463.223	BC548C Transistor	BC548C Transistor
TA045	243.712	ON4771/BD242B Transistor	ON4771/BD242B Transistor
TA045	261.827	Montageclip	Clip
TC034	309.001.293	BC548B Transistor	BC548B Transistor
TF007	463.223	BC548C Transistor	BC548C Transistor
TF008	309.001.293	BC548B Transistor	BC548B Transistor
TF016	465.913	BF422 Transistor	BF422 Transistor
TF025	309.001.293	BC548B Transistor	BC548B Transistor
TI061	309.001.292	BC558C Transistor	BC558C Transistor
TI062	309.001.226	BC558B Transistor	BC558B Transistor
TL017	309.001.350	BSR51 Transistor	BSR51 Transistor
TL019	261.825	Montageclip 1	Clip 1
TL019	309.005.021	2SD1546 Transistor	2SD1546 Transistor
TL019	309.005.026	S2055AF Transistor	S2055AF Transistor
TM003	309.001.292	BC558C Transistor	BC558C Transistor
TM012	266.430	BC558/A* Transistor selektiert	BC558/A* Transistor
TM016	309.001.293	BC548B Transistor	BC548B Transistor
TM018	309.001.292	BC558C Transistor	BC558C Transistor
TP020	463.223	BC548C Transistor	BC548C Transistor
TP025	309.001.293	BC548B Transistor	BC548B Transistor
TP029	309.001.390	BUH713 Transistor	BUH713 Transistor
TP029	309.005.029	BUH515 Transistor	BUH515 Transistor
TP029	309.903.834	Montageclip	Clip metal
TP053	309.001.226	BC558B Transistor	BC558B Transistor
TP054	309.001.226	BC558B Transistor	BC558B Transistor
TP069	309.001.325	BC547C Transistor	BC547C Transistor
TR016	309.001.293	BC548B Transistor	BC548B Transistor
TR017	309.001.226	BC558B Transistor	BC558B Transistor
TR018	352.113.3000	BC636 Transistor	BC636 Transistor
TR063	309.001.226	BC558B Transistor	BC558B Transistor
TR076	309.001.226	BC558B Transistor	BC558B Transistor
TR077	309.001.293	BC548B Transistor	BC548B Transistor
TR082	339.556.900	BC635 Transistor	BC635 Transistor
TV001	309.001.292	BC558C Transistor	BC558C Transistor
TV002	463.223	BC548C Transistor	BC548C Transistor
TV029	309.001.293	BC548B Transistor	BC548B Transistor
TW001	309.001.292	BC558C Transistor	BC558C Transistor
TW002	463.223	BC548C Transistor	BC548C Transistor
TW003	463.223	BC548C Transistor	BC548C Transistor
TW004	309.001.292	BC558C Transistor	BC558C Transistor
TW005	309.001.292	BC558C Transistor	BC558C Transistor
VC043	309.699.270	SDL145S / DL711 Verzögerungsleitung	Delay line
VW001	490.007.9939	SDL102151A-4102-01 Verzögerungsleitung	SDL102151A-4102-01 Delay line
	243.540	Strebe für Chassis	Chassis support
	243.541	Schutzkappe, Netzteil	Protection cap
		Weitere gerätespezifische Ersatzteile lieferbar.	Further spare parts are available.

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